

Locks & Hardware

No.18



Yale & Towne Mfg. Co.

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The Collection Of
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Trade Catalogue of
Locks & Hardware
No. 18

Handy Edition

The Yale & Towne Mfg. Co.

General Offices:

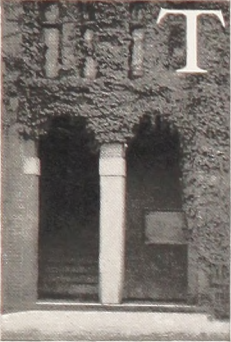
Nos. 9 to 15 Murray Street, New York

(See list of Branch Offices and Products on last page.)

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ANNOUNCEMENT



Entrance to Office of Works
at Stamford, Conn.

THIS volume contains a selection, from our complete line of hardware products, of the most popular locks (including examples of other classes of goods) of the kinds and sizes most salable by retail hardware dealers, general store-keepers and locksmiths.

While this catalogue thus consists *chiefly* of leading and active goods, it includes some others which, though less staple, are occasionally called for, especially in connection with regular goods. It is intended particularly for those who desire to purchase only *leading goods*, of established popularity and sure sale, and who might find difficulty in selecting these from the far greater variety shown in our large trade catalogue (a folio volume of over one thousand pages), a great part of which is occupied with the finer grades of hardware and locks used chiefly in contract work, and with numerous varieties of Builders' Cabinet, and Trunk Locks which are not frequently required and yet are essential in a complete line.

So far as possible every article is shown by illustration, and explained by descriptive text indicating its action, its use, and its relative grade.

The historical and descriptive matter at the commencement, although an innovation in a trade catalogue, it is hoped will be found of interest and assistance to those engaged in the business of selling locks and hardware.

THE YALE & TOWNE MFG. CO.

September, 1905.

The Yale Lock

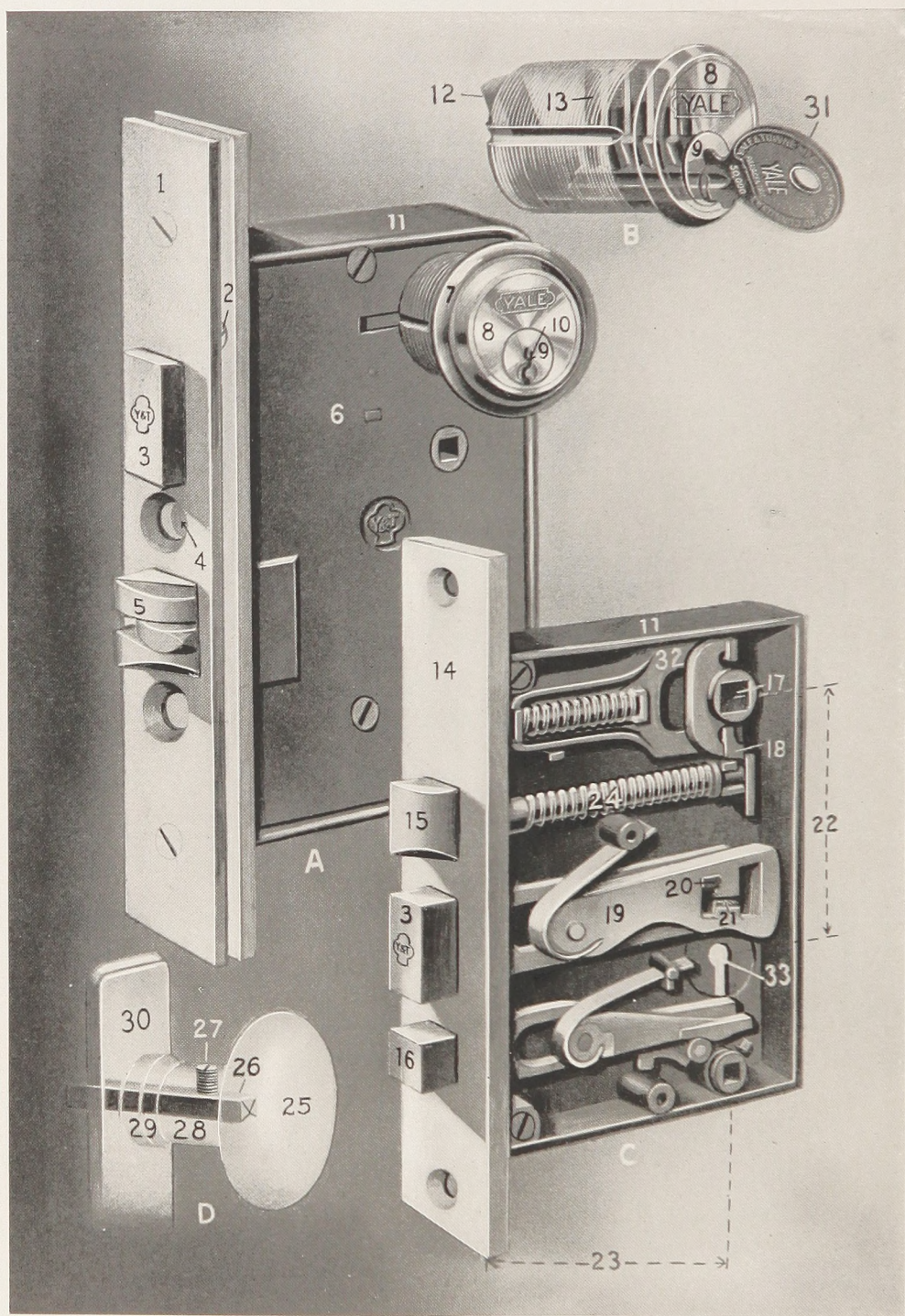
has revolutionized the lock-making industry by creating higher standards of Security, Convenience and Mechanical Excellence than had ever before been known.

The Yale & Towne Mfg. Co.

are the original licensees under the patents of Linus Yale, Jr., and make the only genuine Yale Locks.

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Builders' Locks and their Details

For definitions see Glossary.

Glossary

OF TECHNICAL TERMS RELATING TO LOCKS AND HARDWARE.*

Accuracy in Language Promotes Accuracy in Business.

- ANTI-FRICTION BOLT—A latch-bolt of a lock, when provided with a device for diminishing the sliding friction of the bolt during the closing of the door. See page 6, piece 5.
- ARMORED FRONT—A construction in which the regular front of a cylinder lock is covered by an armor plate, secured to the regular front by machine screws to guard the set-screw which checks the cylinder, and also to protect the front of the lock while the door is being painted, or while the lock is being mortised. This latter result is effected by removing the armor plate from the front of the lock during these mechanical processes. See page 6, piece 1.
- ASTRAGAL—A molding, usually half-round, applied to the abutting edges of a pair of double or folding doors to break and cover the joint. See page 31, Fig. 8.
- BACKSET—(of a lock)—The offset or horizontal distance from the front of a lock to the center line of its knob or key-hole. See page 6, piece 23.
- BEVEL OF LOCK—A term used to indicate the direction in which the bevel of the latch bolt is inclined; "regular bevel" commonly indicating a lock for use on a door opening inward, and "reverse bevel" one for a door opening outward. See Hand and Bevel of Doors, page 31, Fig. 6.
- BEVEL OF LOCK FRONT—The angle of the front of a mortise lock when inclined at other than a right angle to the case, to conform to the angle of the edge of the door. See Hand and Bevel of Doors, page 29.
- BEVEL OF DOOR—The angle of front edge of door. Regular bevel is usually $\frac{1}{8}$ inch in $2\frac{1}{4}$ inches. See Hand and Bevel of Doors, page 29, Fig. 5.
- BIT (of a key)—A projecting blade which engages with and actuates either or both the bolt and tumblers of a lock. Synonymous with Wing.
- BIT-KEY LOCK—One operated by a key having a Wing Bit. See Lock Primer, page 22.
- BITTING—A cut, or indentation, on that part of a key which acts upon and sets the tumblers. See Lock Primer, page 22.
- BOX STRIKE—One in which the aperture to receive the bolt is enclosed or boxed to prevent access from the rear.
- BRACKET BEARING—A knob-thimble or socket which, projecting like a bracket, supports the knob close to its head instead of at the end of the knob shank. See page 6, piece 29.
- BUTT—(An abbreviation of the term Butt Hinge). A hinge intended for application to the butt or edge of a door, in contradistinction to a flat or strap hinge for application to the surface of the door. See page 88.
- CABINET LOCK—One for use on cabinet work and furniture.

*Abridged from a "Hand Book of Locks and Builders' Hardware" for Architects, by Henry R. Towne, 1904.

- CAM**—A rotating piece whereby the rotary motion of a key or knob imparts reciprocating motion to the bolt of a lock. See page 6, piece 12.
- CAP (of Lock)**—The removable part or lid of a lock. Also called "cover." See page 6, piece 6.
- CASE (of Lock)**—The box containing the bolts and other mechanism. See page 6, piece 11.
- CASEMENT ADJUSTER**—A hinged or pivoted rod for moving and fastening the hinged sash of a casement or French window. See page 89.
- CASEMENT WINDOW**—One with hinged sashes, opening either in or out.
- CEILING HOOK**—One for use in ceilings, or on the under side of a shelf, and usually having two prongs. See page 92.
- CHAIN BOLT**—One for application at the top of a door, and having a chain depending therefrom, whereby the bolt may be retracted against the resistance of a spring which tends to hold it in the locked position. See page 86.
- CHAIN DOOR FASTENER**—A heavy chain, one end of which is secured to a plate which may be attached to the edge of the door, the other end of the chain carrying a ball or hook, which may be inserted in a slot formed in another plate attached to the jam or other half of the door, whereby the door cannot be opened (except slightly) until the chain is released. See page 87.
- CHAIN PADLOCK**—One provided with a length of chain, whereby the lock may be attached to its staple, or to the adjacent work. See page 35.
- CHANGE KEY**—That key of a master-keyed lock which differs from all others of the same series, and will operate only its own lock (sometimes called room-key). Used in contradistinction to "master-key." See Master-keyed Locks, page 26.
- CLOSET KNOB**—A single knob on one end of a spindle, on the other end of which latter is a rose or plate to secure the knob and spindle to the door; for use on closet doors.
- COAT AND HAT HOOK**—One with two or more projections, one of which is of sufficient length to receive a hat, the others being usually shorter. See page 92.
- COMBINED ESCUTCHEON PLATE**—One containing both a key-hole and a knob socket.
- COMMUNICATING DOOR LOCK**—One for use on doors between communicating rooms. Usually a knob-latch with thumb-bolts.
- COMPENSATING HUB**—A lock hub having an elongated spindle-hole to compensate for the shrinking and swelling of a door and to prevent derangement of the lock from these causes. First introduced in the "Vulcan" locks. See page 6, piece 17.
- CORRUGATED KEY**—A sheet metal key of uniform thickness and corrugated longitudinally. One having a sinuous cross-section, and not merely grooved on one or both sides.
- CUPBOARD CATCH**—A small spring catch adapted for fastening a light door, and operated by a slide knob or thumb-piece.
- CUPBOARD LOCK**—One designed for use on doors of cupboards, boxes, etc.
- CUPBOARD TURN**—A small spring catch adapted for fastening a light door and operated by a rotating knob or handle.
- CUP ESCUTCHEON**—A door plate, for use on sliding doors, having a recessed panel to afford finger-hold and to contain the knob, or its equivalent, and a key, all of the contained parts being flush with the surface of the plate in order to offer no obstruction to the movement of the door within its recess. See page 108.

- CYCLOID KNOB ACTION**—An arrangement of intergeared pivotal levers for transmitting motion from a lock hub to the latch bolt.
- CYLINDER (of a lock)**—A short cylindrical case containing the key-hole and tumbler mechanism of a lock of the "Yale" type. Formerly called "Escutcheon." See page 6, Fig. B.
- CYLINDER LOCK**—One in which the key-hole and tumbler mechanism are contained in a cylinder or escutcheon separate from the lock case, as in the Yale Lock, the original lock of this type. See page 6, Fig. A.
- CYLINDER RING**—A rose, or washer, placed under the head of a cylinder (of the Yale type) to enable a long cylinder to be used on thin doors. Also called Rose. See page 6, piece 7.
- CYLINDER SCREW**—The set-screw in the face of a Yale mortise lock for preventing the unscrewing of the cylinder. See page 6, piece 2. (Also called set-screw).
- DEAD BOLT (of a lock)**—One having a square head, and moved positively by the key in both directions. See page 6, piece 3.
- DEAD LATCH**—Synonymous with Night Latch.
- DEAD LOCK**—One having a dead bolt only. See page 75.
- DOOR BOLT**—A sliding rod or bar, suitably mounted for attachment to a door and adapted to secure it.
- DOOR CHECK**—A device for preventing the slamming of doors provided with springs. Frequently used as synonymous with "Door Check and Spring." See page 179.
- DOOR CHECK AND SPRING**—A device combining, in one structure, a door spring and a check to prevent slamming of the door. See page 179.
- DOOR HOLDER**—A device for fastening a door in an open position.
- DOOR PULL**—A bent handle usually mounted on a plate, and adapted for attachment to the surface of a door. See page 91.
- DRAWER PULL**—A handle or grip adapted to receive the fingers.
- DRILL PIN**—A round pin projecting from the back plate of a lock and fitting into a hole in the end of the key.
- DROP KEY**—One having a bow, or handle, pivoted to the shank, so that it may drop or fall parallel with the surface of the door.
- DUPLEX LOCK**—A master-key lock of the cylinder type, such as the Yale Lock, provided with two cylinders on the same side, both acting on the same bolt, but each controlled by a different key, whereby, when used in a series, one of said cylinders may be operated by the master-key which passes every lock in the series, and the other by a change key, which may be different for each lock throughout the series.
- EASY SPRING**—A term used to designate the construction of a knob lock in which two springs are employed, one of which (the easy spring) acts only on the latch bolt, while the other acts directly or indirectly on the knob spindle. Motion of the latch bolt is opposed by the easy spring, while both the springs give resistance to rotation of the knobs, thus giving a lively action to the knobs while permitting the door to close easily. The same action may also be obtained with a single spring if suitably connected with the related parts of the lock. See page 6, piece 24.
- ESCUTCHEON**—Generically a plate containing a key hole. See page 6, piece 30.
- ESCUTCHEON PLATE**—A plate, whether plain or ornamental, either with or without key-hole opening, containing a knob socket, and adapted for attachment to the surface of a door. Page 6, piece 30.

- EXTENSION BOLT**—A flush bolt having a short plate to receive a knob or thumb piece, which latter is connected at the bolt end at top or bottom of door by an extension rod inserted through a hole bored in thickness of door. See page 87.
- FENCE**—A projecting portion of a lock, usually attached to the bolt, which engages with the tumblers, and enters or passes through the "gating" of the tumblers when the bolt is retracted. See page 6, piece 20.
- FLAT KEY**—A thin flat key, made of sheet or plate metal, usually by stamping. Sometimes provided with longitudinal grooves or indentations on one or both sides.
- FLUSH BOLT**—A door bolt mounted behind a plate adapted to be attached to and let into the surface of a door.
- FOOT BOLT**—A spring bolt for the bottom of a door which, when retracted, is retained by a trigger, the release of which latter permits the spring to shoot the bolt into the locked position. See page 86.
- FRENCH WINDOW**—One mounted on hinges like a door; a casement window extending to the floor.
- FRONT (of lock)**—The face plate of mortise lock through which the ends of the bolts are projected. See page 6, piece 14.
- FRONT DOOR LOCK**—A lock for use on entrance doors, having a dead-bolt and a latch-bolt; the former controlled from the outside by a key and from the inside by a key or knob; the latter controlled from the outside by a key and from the inside by a knob. Usually provided with "stop work" whereby the outside knob may be set to actuate the latch-bolt or not, as desired. See page 6, Fig. A.
- GATING**—The opening in the tumbler of a lock into or through which the "fence" passes to release the bolt or permit of its movement. See page 6, piece 21.
- GUARDED FRONT AND STRIKE**—A construction of these parts of a lock such that they may interlock, so as to protect the latch-bolt from attack through the crevice between the door and jamb. Chiefly used in Insane Asylums.
- HAND (of locks, etc.)**—A term indicating whether the article is adaptable to either a right hand or left hand door. See Hand and Bevel of Doors, page 29.
- HANDED**—A term indicating that the article is adaptable to either a right or left hand door, but not both.
- HANGING STILE**—That stile of a door to which the hinges are attached by which the door is hung.
- HORIZONTAL LOCK**—One whose major dimension is horizontal. See page 78.
- HOTEL LOCK**—A master-keyed knob lock.
- HUB**—A rotating piece within a lock, containing a central aperture to receive the knob spindle and engaging with the bolt or tail piece in the lock whereby the motion of the knob is communicated to the bolt. See page 6, piece 17.
- JANUS-FACE LOCK**—A rim lock both sides of which are similarly molded or ornamented, so that either side may be applied to the door, thus making the lock both right and left hand.
- KEY-PLATE**—The plate, either plain or ornamental, having one or more key-holes (but no knob socket), and adapted for attachment to the surface of a door.
- KEY-WAY**—The aperture, in locks of the Yale type, which receives the key and engages closely with it throughout its length, as distinguished from the open key-hole of a common lock. See page 6, piece 10.
- KNOB**—A projecting handle, usually round or spherical, for operating a lock. See page 6, piece 25.
- KNOB BOLT**—A door lock, the bolt of which is controlled by a knob or thumb-piece from either or both sides of the door, (not one actuated by a key).

- KNOB LATCH**—A door lock having a spring bolt operated from either or both sides of the door by a knob (not one actuated by a key).
- KNOB LOCK**—A door lock having both a spring bolt, operated by a knob, and a dead bolt, operated by a key; (a knob lock thus combines in one structure a knob latch and lock).
- KNOB ROSE**—A round plate, or washer, forming a knob socket, and adapted for attachment to the surface of a door.
- KNOB-SHANK**—The projecting stem of a knob, containing the hole or socket to receive the spindle. See page 6, piece 28.
- KNOB-TOP**—The upper and larger part of a knob, that which is grasped by the hand; usually made of porcelain, glass or wood, or, in the better class of knobs, of metal. See page 6, piece 25.
- LATCH**—A lock, the bolt of which is beveled and is self-acting by the pressure of a spring or by gravity. See page 56, No. 42.
- LATCH-BOLT** (of a lock)—One having a beveled head, and actuated by a spring, whereby it is retracted by impinging against the strike, and is automatically thrown forward again by the spring. See page 6, piece 15.
- LETTER DROP PLATE**—One containing an opening, usually closed by a drop or flap, to permit the passing of letters. See page 93.
- LEVER**—An abbreviation of the term "Lever Tumbler" (see below), and inaccurately used as synonymous with Tumbler. See page 6, piece 19, and Lock Primer, page 22, Fig. 4.
- LEVER HANDLE**—A bent handle for actuating the bolt of a lock and used in the place of a knob.
- LEVER TUMBLER**—A lock tumbler having a pivotal action. See Tumbler, page 14; also page 6, piece 19, and page 22, Fig. 4.
- LOCK**—Generically, a fastening of any kind operated by a key. Specifically, one having a dead bolt, as distinguished from one having a spring latch-bolt. See Lock Primer page 22, also page 6, Figs. A and C.
- LOCK-SET**—A lock combined with its trim, i.e., complete with knobs, escutcheon plates and screws. See Locks in Sets, page 99.
- LOOSE JOINT BUTT**—One having a single knuckle on each half, one of them containing the pin and the other a corresponding hole, whereby the two parts of the butt can easily be separated.
- LOOSE PIN BUTT**—One having a hinge pin which can be withdrawn to permit the two parts of the butt to be separated. See page 88.
- MASTER-KEY** (sometimes called pass-key)—The key pertaining to a series of master-key locks which will actuate any and all of the locks. See Master-Keyed Locks, page 26.
- MASTER-KEYED LOCK**—One intended for use in a series, each lock of which may be actuated by two different keys, one capable of operating every lock of the series, and the other capable of operating only one or a few of the locks. See page 26.
- MORTISE LOCK OR LATCH**—One designed to be mortised into the edge of a door; not applied to its surface. See page 6, Figs A and C.
- NIGHT KEY**—That one of the two keys of a front door lock which controls the night work and operates the latch-bolt.
- NIGHT LATCH**—A door lock having a spring-bolt which cannot be operated from the outside except by a key. See page 56, No. 42.

- NIGHT WORK**—A term used to indicate that part of the mechanism of a front door or vestibule lock which controls the latch-bolt, and is actuated by the night key.
- OFFICE LOCK**—An arbitrary term applied to a knob lock of *inverted* form, i. e., with key-hole above knob, and especially designed for use on office doors.
- PADLOCK**—A detachable lock, with a shackle or link, adapted to engage with a staple. See page 33.
- PARACENTRIC**—An arbitrary term adopted by the makers of the YALE LOCK to designate a peculiar form of key and key-way, the cross section of which shows ribs projecting from opposite sides of the key-way *past its center line*, and extending longitudinally throughout its length, thereby preventing the use of picking tools; the opposite sides of the key being grooved to correspond with the contour of the key-way, and the key and key-way thus being interlocked throughout their length. See page 6, piece 31; also *The Yale Lock*, page 15.
- PIN TUMBLER**—A small sliding pin actuated by the key, and dogging the plug or key-hub, by which motion is transmitted to the bolt, as, for example, in a Yale Lock. See page 6, piece 13; also *The Yale Lock*, page 15.
- PIPE KEY**—A round key having a hole drilled into its end to fit over a drill pin in the lock. Used chiefly for cabinet locks. Synonymous with Barrel Key. See page 175.
- PLUG** (of a lock)—A cylindrical piece containing the key-hole and rotated by the key to transmit motion to the bolt. See page 6, piece 9; also *The Yale Lock*, page 15.
- PUSH BUTTON**—A small movable knob or button, within a socket, the movement of which actuates a bell, electrically or otherwise.
- PUSH** (or thrust) **KEY**—One which performs its whole function of setting the tumblers by longitudinal motion without rotation.
- PUSH PLATE**—A plate for protecting the surface of a door against soiling and wear from handling. Frequently made with the word "Push" incorporated in the design.
- RABBETED LOCK**—A mortise lock, the front of which is formed with an offset or rebate conforming to the corresponding rebate on edge of door. One having a front in three planes, forming two right angles. See pages 29 and 31.
- REBATE** (also spelled Rabbet)—The offset on the abutting edges of a pair of double doors. Also the corresponding offsets on the fronts and strikes of rabbeted locks. See pages 29 and 31.
- REVERSE BEVEL** (of latch bolt)—A term used to indicate that the bevel of a latch-bolt (page 6, piece 15) is reversed, or inclined in the opposite direction to that which is regular. See *Hand and Bevel of Doors*, page 29.
- REVERSED**—A term applied to articles made of wrought or sheet metal with edges turned back to give the appearance of increased thickness.
- REVERSED DOOR**—One opening in the opposite direction to that which is usual or regular. Room doors if opening inward are "regular," if opening outward are "reversed." Cupboard doors are regular if opening outward. See *Hand and Bevel of Doors*, page 29.
- REVERSIBLE LOCK**—One in which the latch-bolt can be reversed to adapt the lock to a door of either hand. See page 31, and for construction of latch-bolt see page 6, piece 15.
- RIM**—A term applied to articles of hardware intended to be applied to the *surface* of doors, windows, etc., in contradistinction to those intended to be mortised into the wood.
- RIM LOCK OR LATCH**—One which is applied to the surface of the door, not mortised into it. See example of Rim Lock, page 56, No. 42.

- ROLL BACK**—A rotating piece within a lock, permanently attached to the knob-spindle, for transmitting motion to the bolt. Inaccurately used as synonymous with hub.
- SASH CENTER**—A pin or bearing for a transom light or other sash turning on a horizontal axis, consisting usually of a pair of plates, one carrying a pin and the other a socket, one plate intended for attachment to the sash and the other to the jamb or frame in which the sash is hung.
- SASH FAST**—A fastening usually attached to the meeting rail of sashes, to prevent their being opened until released. See page 95.
- SASH LIFT**—A plate, bar or hook, adapted for attachment to a window sash, whereby the latter may be conveniently raised and lowered.
- SCREWLESS KNOB**—A term originally applied to knobs provided with a clamp or vice for attaching them to the spindle and thus dispensing with the old-fashioned "side-screw." Now used also to designate any knob which eliminates the "side screw" and substitutes a fastening which obviates all tendency to become loose, even though employing a set-screw, as, for example, in the case of the Triplex Spindle. See page 6, Fig. D.
- SET-SCREW**—One which by checking another screw, or other movable part, prevents it from loosening. See page 6, piece 27.
- SHACKLE (of Padlock)**—A swinging or sliding link, usually curved, adapted to engage with a staple and to be fastened by the locking mechanism of the padlock.
- SHANK (of a key)**—That part which connects the bit or wing with the bow or handle.
- SHANK (of a knob)**—That part which contains the hole or socket to receive the spindle and which forms a base for the top or enlarged portion of the knob.
- SIDE-SCREW**—A small screw used for securing a common knob to its spindle.
- SOLID ROLLED**—A term used to designate Escutcheon Plates and other articles made from rolled, or wrought metal of sufficient thickness to show a suitable bevel without turning back the edges (as is done in "reversed" work).
- SPACING**—The distance between the center of a knob-hub and the center of a key-hole of a lock or its escutcheon plate. See page 6, Fig. 22.
- SPINDLE (of lock)**—The axis or shaft, usually of square section, which carries the knobs of a lock, and communicates their motion to the latch mechanism. See page 6, piece 26.
- STEM (of a key)**—The round portion of the bit or wing which forms the trunnion or axis of the key, and on which it rotates when in the lock.
- STOP (of a lock)**—That which serves to fasten the bolt or the knob in the locked or unlocked position, usually the latter. See page 6, piece 4.
- STOP WORK**—See Stop (of a lock).
- STORE DOOR HANDLE**—A bent handle, usually mounted on a plate, provided with a lever or thumb handle for actuating a latch bolt, and adapted to be applied to the surface of a door. See page 129.
- STRIKE**—A metal fastening, on the door frame, into which the bolt of a lock is projected to secure the door. Applied both to the flat plate used with mortise locks, and to the projecting box used with rim locks. Synonymous with "striker," "striking plate" and "keeper."
- SUB-MASTER KEY**—One capable of controlling a subordinate group of master-key locks, each having a different key of its own, but all in turn controlled by the main or grand master-key. (There may thus be a number of sub-master keys under one grand master-key.) See Master-Keyed Locks, page 26.

- SWIVEL SPINDLE**—A spindle having a joint or swivel midway in its length, whereby the knob attached to one end may be made stationary and inoperative, while the knob attached to the other end is left free to rotate, and thus to actuate the latch mechanism.
- TAIL PIECE**—A sliding or vibrating piece intermediate between the hub and latch bolt of a lock for transmitting motion from the former to the latter. See page 6, piece 32.
- TALON**—The notch or opening in the bolt of a lock with which the key engages to throw the bolt. See Lock Primer, page 23, Fig. 9.
- T-HANDLE**—A cross handle for actuating the bolt of a lock and used in place of a knob.
- THIMBLE**—The socket or bearing on an escutcheon plate to receive the knob shank. Also called Socket. See page 6, piece 29.
- THUMB-PIECE**—A small knob, usually flat, but sometimes circular in form. See page 72.
- THUMB-BOLT**—A door bolt operated by a rotating thumb-piece or a small knob. See page 86.
- TRIPLEX SPINDLE**—A lock spindle composed of three triangular rods which, when combined, form a rectangle, and, which give an automatic adjustment by frictional engagement with the knob when expanded by a set-screw. See page 6, piece 26.
- TUBULAR LOCK**—A rim lock having a fixed tube, containing the tumblers, attached to the lock case and usually projecting through the door.
- TUMBLER**—The obstruction or guard in a lock which dogs or prevents the motion of the bolt, and which is set by the key during the act of locking and unlocking. See page 6, pieces 13 and 19.
- UPRIGHT LOCK**—One whose major dimension is vertical. See page 75, No. 702.
- VESTIBULE LATCH**—A lock resembling a front door lock except in omitting the dead-bolt mechanism. One in which the latch-bolt is actuated from the outside by a key and from the inside by a knob; the outer knob being controlled by a stop. See pages 100 and 101.
- VENEERED FRONT**—A lock front or face consisting of two plates, the lower riveted to the lock case, and the upper (usually of a more expensive material) *permanently* fastened to the lower. Used in contradistinction to "Armored front."
- WARD**—A projection from the case of a key-hole of a lock, tending to obstruct the entrance of the key, and necessitating a coincident depression or grooving in the key. See Lock Primer, page 22, Figs. 1, 2 and 3.
- WARDED KEY**—One having grooves or notches, usually in the wing or bit, which coincide with corresponding wards or projections in the lock case or key-hole. See Lock Primer, page 22.
- WING KEY**—One having a wing or projection for operating the bolt or tumblers of a lock.

The Yale Lock



Yale Cylinder

THE Yale Lock takes its name from its inventor, Linus Yale, Jr., whose story is told elsewhere, whereas most of the imitations which have appeared since the expiration of the original Yale patents have modestly been named after one or other of the older American colleges. Of course none of these imitations contain the later improvements embodied in the Yale Lock, as these are still controlled by patents. The most vital element of the Yale Lock is the "cylinder" shown herewith by Figs. 1, 2, and 3. It consists of a shell or case enclosing a revolving "plug," and containing a series of chambers to receive the "pin-tumblers" with their complementary "drivers" and springs. Extending longitudinally through the plug is the "key-way," and attached to its inner or rear end is the "cam," which, when the plug is rotated, engages with and operates the bolt of the lock.

Each "pin-chamber" is formed partly in the cylinder and partly in the plug, and each contains at its bottom a "pin" (on which the key acts), above this another pin, called the "driver," and above the latter a spring. Normally the several pins rest at the bottom of their respective pin-chambers, which latter intersect the key-way but do not extend quite to its lower limit. In this

Fig. 1 shows cylinder with key partly inserted, illustrating the action of the key upon the tumblers.

Fig. 2 shows cylinder with key inserted whose bittings do not correspond with the tumblers, and which, therefore, will not actuate the lock.

Fig. 3 shows cylinder with proper key fully inserted, and the operation of cam at rear which actuates the lock mechanism.

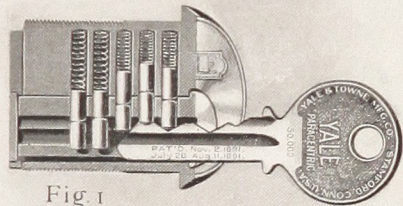


Fig. 1

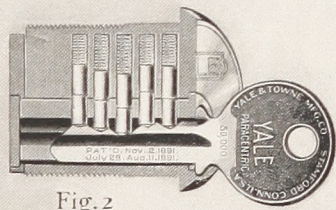


Fig. 2

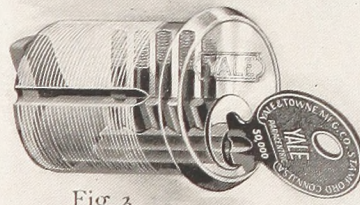


Fig. 3

condition the plug is barred against rotation by the "drivers," each of which rests partly in the plug and partly in the cylinder, as seen in Figs. 1 and 2.

THE "CYLINDER" OF A YALE LOCK
Illustrating the YALE Pin-Tumbler Mechanism

When a key is inserted its point passes under the pins, successively, and raises them so that they rest on top of the key. The insertion of the true key lifts each pin to a point such that the joint between it and its "driver" corresponds exactly with the joint between the plug and the cylinder. The plug is now free to rotate within the cylinder (see Fig. 3, page 15), the pins traveling with the plug and the drivers remaining stationary in their respective chambers. If any but the true key be inserted, however, (see Fig. 2, page 15), the pins will not be lifted to the proper points, and the plug will still be barred against rotation. As the number of the pin-tumblers is usually five, and as a variation of *one-fiftieth* of an inch from the proper height will cause any tumbler effectively to prevent rotation of the plug, it will be seen that the Yale Lock possesses a high order of security and a vast capacity for key-changes or "combinations."

The invention of the rotating "plug," with its contained "pin-tumblers," carried with it and made possible the employment of a flat but rotative key. In designing this Mr. Yale adopted the *trefoil* form for the bow or handle of the key, his original form of key being shown by Fig. 4, and for many years this peculiar design was used only with the Yale Lock, and thus became generally identified with it, so that, in time, *every lock* with a flat key, especially if the bow of the key had the trefoil shape, was popularly supposed to be a Yale Lock, although a vast number of cheap and insecure locks, not of the "cylinder" type, having keys of flat metal and with trefoil-shaped bows, were made and sold. Unfortunately, this error still persists, being often encouraged by unscrupulous dealers, and thousands of bogus locks are palmed off annually as genuine Yale Locks on customers who are too little informed, or too careless, to detect the fraud by noting the absence from the goods of the name and trade-mark of the sole makers of the genuine Yale Lock, The Yale & Towne Manufacturing Company.

As the popularity of the Yale Lock grew and the demand for it increased, the experts of the Company, finding that the original construction, although affording great capacity for key changes, permitted the lock easily to be attacked by proper picking tools in the hands of an expert, devised and adopted a radical improvement. This consisted in corrugating the blade of the key (see Fig. 5), thereby making it stronger and far more difficult to duplicate, and in forming the sides of the key-way with reverse corrugations, conforming to and interlocking with, those of the key. Several very marked advantages resulted from this improvement. It prevented the tilting of



Fig. 4.
Original Yale Key *

the key in the cylinder, which had been a fault with the flat key; it greatly increased the resistance of the lock to picking; it added further security by making it far more difficult to obtain duplicate keys illicitly; and, finally, by beginning a new series of locks, with a key of distinctly different form from the key of the original series, it precluded all possibility of locks of one series being passed by keys belonging to locks of the other series, a most desirable result in view of the vast number of Yale Locks with flat keys which were then in use.

The corrugations of the key just described approach, *but do not pass*, the axial line of the key-way, as will be seen by cut on page 18, and it was found that, by using picking tools of great delicacy, it was still possible, although difficult, for an expert

to pick the lock. A long series of experiments was then undertaken which resulted in the development and the adoption, about 1892, of the type of key now used with all of the genuine Yale Locks. This great improvement, which is the culmination of the long series of brilliant inventions embodied in the Yale Lock, embodies a distinctly new principle, to designate which the name "Paracentric" was coined and adopted. The Paracentric principle, (see page 18) consists in constructing the key-way with continuous longitudinal barriers (in planes perpendicular to the motion of the pin-tumblers), projecting from opposite sides of the key-way *past its centre, or axial line*, and interlocking so deeply as practically to preclude the use of picking instruments to operate vertically on the tumblers. The result is the *greatest security* possessed by any key-lock adapted to practical use. The Paracentric key must necessarily coincide accurately with the cross-section of its *key-way*. As its form is patented, and it can only be produced by expensive special machinery, of great accuracy, it affords the highest attainable degree of protection against the illicit duplication of keys, and, as is the case of the Corrugated key, it marks the commencement of a new series of locks, the keys of which are non-interchangeable with the locks and keys of either of the preceding series.



Fig. 5.
Yale Corrugated Key

The illustrations on Page 18 show the several forms of key-way referred to in the foregoing description, and also those commonly used in other "cylinder locks," made in imitation of the Yale Lock, and simulating the "Paracentric" in *appearance*, but not in *security*. These latter also have projections or "ribs" on one or both sides of the key-way (in some cases, however, only extending a short distance from its front end), but as the Paracentric patents forbid their projection beyond the centre line, they offer small obstruction to the use of picking tools, and afford little more security than the original lock with flat key. Their characteristics can readily be detected by examining closely the form of the key-way of any lock of the Yale type in which they are used.



Fig. 6.
Yale Paracentric Key
(Obverse)



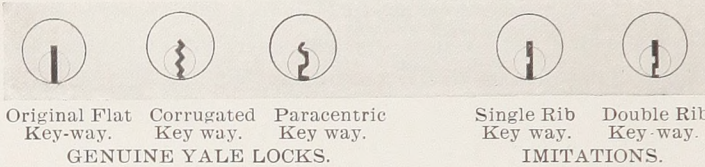
Fig. 7.
Yale Paracentric Key
(Reverse)

The impression prevails quite generally that the Yale Lock cannot be picked, but this belief is contrary to the fact. *No lock with a key-hole has ever been made which is unpickable.* Mr. Yale demonstrated this by devising instruments with which he picked the most elaborate bank locks then in use (about 1860), first the celebrated Hobbs' lock, and later his own still more intricate "Treasury" Lock, and it was the discovery of this fact which caused him to abandon the use of locks with key-holes for Bank protection and to develop and perfect the combination or "dial" lock.

All that its makers claim for the Yale Lock is that, as now made, it is more secure and more difficult to pick than any other in use, and that the operation of picking it is so difficult, and requires such expert knowledge, skill and tools, as to make it absolutely secure against any attack to which practically it is exposed, this statement being justified by an experience of twenty-five years, and by the record of many millions of Yale Locks in use.

In the Yale Lock, in its standard form, the number of key-changes theoretically possible is 100,000, but practically this is reduced, by throwing out keys of undesirable form or those too nearly similar, to 27,000. The changes or "bittings" thus selected for use are recorded in printed lists, and the latter are carefully followed

in manipulating the machines which produce the keys, so that the *entire series* is used before any of the changes are repeated, but it is obvious that there is a



chance, in the ratio of 1 to 27,000, that the keys of two Yale Locks may interchange. The difference between this ratio and the ratio of 1 to 4, 12, 24 or possibly 36, existing in common locks, is a fair measure of the *vastly* greater security of the Yale Lock against accidental interchangeability of keys.

Each of the key-changes is numbered consecutively on the printed lists just referred to above, from No. 1 upward, and, for convenience in manufacture, the keys are numbered correspondingly. Hence it follows that it is practicable to furnish duplicate keys *by number*, but the invariable rule has been, from the outset, not to do this but to require, *in all cases*, that one of the original keys (or else the lock itself, or its cylinder) must accompany every order for duplicate keys, in evidence of the right of the party giving the order to have the key or keys called for. This policy is regarded as of *vital importance* to the security and protection of all users of the Yale Lock, and will permanently be maintained. The contrary policy, pursued by some other manufacturers, of furnishing duplicate keys *by numbers*, makes it feasible for any evil-disposed person to obtain keys to locks belonging to another by ordering them, by number, from the maker, providing only such numbers can be ascertained in any way, a thing usually not difficult of accomplishment. This highly dangerous practice tends seriously to impair the value and reliability of locks made by the manufacturers who adhere to it.

Mr. Yale adopted the *trefoil*, or clover leaf, bow for his original lock, and for many years it was associated exclusively with the Yale Lock, and thus became accepted as a mark of identification. Ultimately, however, other lock makers copied the trefoil key-bow, presumably to promote the sale of their goods by misleading purchasers of them. Desiring to maintain the individuality which has always characterized every detail of the Yale Lock, we have recently discarded the trefoil bow in connection with the Paracentric Yale Locks, substituting therefor the new design shown by Figs. 6 and 7, on page 17, which, *in a bow of round form*, embodies our well-known trefoil trade mark, although we continue to use the trefoil bow for locks of other types.



The Inventor of the Yale Lock



LINUS YALE, JR.,
Inventor of the Yale Lock.
Died 1868.

THE Yale Lock is named after its inventor, Linus Yale, Jr., who was born in Herkimer County, New York, in 1821, and died in New York City in 1868. Originally a portrait painter, his inventive and mechanical tendencies, inherited from his father, led him ultimately into the field of applied mechanics, especially those relating to the art of the locksmith.

His earlier work related chiefly to Bank Safes and Locks, in which field he became recognized as the leading American expert. The Combination Lock as now used was then unknown, and all of Mr. Yale's earlier inventions related to locks operated by keys and of intricate construction. In 1851 the famous "Lock Controversy" occurred in England, during which the American, Hobbs, succeeded in picking the best English Bank Locks, and soon after Mr. Yale succeeded in picking first the celebrated "Parautoptic Bank Lock," introduced in England by Mr. Hobbs, and next his own latest and best Bank Lock, thus demonstrating that any lock *having a key hole* could successfully be picked by anyone having the necessary implements and skill. Mr. Yale then turned his attention to the Combination or "Dial" lock, developing improvements which led ultimately to the permanent adoption of this type of Bank Lock as the best. It is still one of our important products, and we are now the largest makers in the world of these locks, which, in their latest forms, are absolutely unpickable.

Between 1860 and 1864 Mr. Yale made what subsequently proved to be his most important invention, the one with which his name is now identified throughout the world, namely, the "Yale Lock," with which the public is so familiar as to make it difficult effectively to indicate the wide departure from all previous standards which it embodied. The United States patents on this Lock were issued in 1861 and 1865, and expired long ago, although subsequent patents covering improvements are still in force.

Prior to 1860 the round key was in universal use, and usually of heavy and clumsy construction, while the Locks to which it applied were usually crude and of inferior workmanship. Mr. Yale's work revolutionized the art of lock making in America, and contributed greatly to place it where it now stands, in advance of that of all other countries. Briefly stated, his inventions and methods resulted in a radically new type of Lock, of far higher security and greater mechanical excellence than had ever before been made, provided with a key of the smallest and neatest form, and susceptible of production by special machinery at a cost which has since made it available for general use wherever security is desired.

The Yale & Towne Manufacturing Co.

LINUS Yale, Jr., began the production of his Bank Locks in his father's small factory in Newport, Herkimer County, N. Y., subsequently transferring his business to Philadelphia, Pa., and still later to Shelburne Falls, Mass. In 1866 Mr. Yale was operating a small factory at the latter place, the chief product of which was Bank Locks, although it included, also, the flat keyed Cylinder Lock now known throughout the world as the "Yale Lock," which he had then recently invented. At this time, through a mutual friend, Mr. William Sellers, of Philadelphia, Mr. Yale and Mr. Henry R. Towne, then of Philadelphia, a much younger man, were introduced to each other, with the result that a partnership was formed for the further development of the business based on Mr. Yale's inventions. By mutual consent the business was organized in October, 1868, under the corporate name of The Yale Lock Mfg. Company, and was located at Stamford, Conn., thirty-four miles from the City of New York, where a suitable site was purchased and the erection of a modest factory building begun. On December 25, 1868, Mr. Yale died suddenly of heart disease, aged only forty-seven years, leaving the enterprise which had just been started to be conducted by his surviving associate, who succeeded to the presidency of the Company and has since controlled its policy and directed its affairs.

The business started in Stamford in March, 1869, with about thirty employees, but from the beginning began to grow, especially as efforts were made to bring the new Yale Lock effectively before the public and to adapt it to general use. In 1873 the manufacture of Bronze Hardware was undertaken, the Company thus entering a field in which it was destined later to become a leader. In 1875 another and quite different product was added, consisting of the Weston Differential Pulley Block, now a standard article, of world wide use. This venture into the building of hoisting machines led the Company ultimately into the business of designing and building Cranes of all kinds and sizes, which field of engineering it was first in America to take up as a specialty. The Crane business was sold to other parties in 1894, but the Chain Block business, greatly enlarged, still constitutes an important department in the works.

In 1876 the Yale Time Lock was invented and put on the market, in response to the demand created by the occurrence of numerous masked burglaries, and its manufacture has continued ever since to be an important part of the business.

In 1878 the position of the Company was strengthened by the purchase of two smaller competitors (The U. S. Lock Co. and The American Lock Co.), and by the production of Padlocks, of which it now manufactures a very extensive line, which constitutes an important department of the business. The number of employees had then increased to about 300, and branch offices were opened in Philadelphia, Boston and Chicago. Additions to the Works at Stamford were made almost annually, those of 1881 and 1883 being exceptionally important, the output of the older products steadily increasing, and new products of related kinds being added from time to time.

In 1882 the Company engaged in the manufacture of Testing Machines and Heavy Scales, under the Emery patents, but in 1887 sold this business to William Sellers & Co. Inc., of Philadelphia, by whom it is still continued.

In 1883 the present corporate title, comprising the names of the two founders, was adopted, namely The Yale & Towne Manufacturing Company.

In 1891 the Cabinet and Trunk Lock Department was organized, for the manufacture of all kinds of Locks required by furniture manufacturers and trunk makers, the product of this Department being one of the important features of the business. The number of employees had increased by this time to about 900.

In 1894 the Company purchased the property, goodwill, and business of the Branford Lock Works, at Branford, Conn., employing from 400 to 500 people, but in 1901 transferred this business to its main works at Stamford, where additional buildings were then provided for the purpose.

In 1895 the Company acquired by purchase the Blount Mfg. Company's inventions, patents, and business relating to the Blount Door Check, the manufacture of which now constitutes an important department.

During 1900 plans were prepared for large additions to the Works to accommodate the increased volume of business, and in 1901 the extensive improvements thus projected were completed, giving the Stamford Works a capacity for the employment of about 3,000 persons, and making them the largest and best equipped of their kind in the world. They occupy an unbroken tract of over fifteen acres of land, with direct rail and salt water connections, within the City of Stamford, closely adjacent to the railroad station, and only thirty-four miles from the City of New York, with hourly trains each way.

Note.—Anything made by the Company can of course properly be designated as a "Yale & Towne" product, and this term is commonly used when referring generally to any goods included in the great variety which the Company manufactures. Strictly speaking, the term "Yale" should only be applied to locks embodying the inventions of Linus Yale, Jr., but in practice this term also is employed, more or less generally, to designate goods made by The Yale & Towne Mfg. Co., and this custom has undoubtedly been encouraged by the long established practice of the Company to apply its trade name "Yale" to many of its products of the higher grades, even though not based on any of Mr. Yale's inventions, as for example, in the case of the Yale Time Lock, the "Standard" line of Padlocks, the Yale Transom Lifters, etc., etc.

The name "Yale," in connection with locks and hardware, has thus become a well established *trade mark*, indicating the place of origin or manufacture, and a high standard of quality. The right of the Company to the exclusive control and enjoyment of this name has generally been respected, and under recent decisions of the courts has been definitely confirmed.

Lock Primer*

BROADLY speaking a lock is a *bolt* guarded by an *obstacle* and controlled by a *key*.

The *Bolt* usually slides, but may be pivoted or rotary.

The *Key* usually rotates, but may act by sliding or pushing.

The *Obstacle* which must be overcome by the key to operate the bolt, may be of either of the following types, viz.:

Warded Type, (Figs. 1, 2 and 3), in which the obstacle consists of fixed "wards"

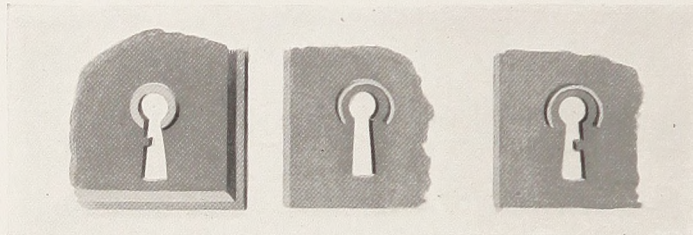


Fig. 1.

Fig. 2.
Forms of Wards

Fig. 3.

within the lock, which interfere with the movement of the key unless it has grooves or perforations coinciding with the wards; or *Tumbler Type*, (Fig. 4), in which the obstacle consists of one or

more movable "tumblers," which prevent movement of the bolt until they are moved into a certain position by the proper key.

All locks are built up out of these elements.

The element which chiefly determines the character of a lock is the *obstacle*, that is, the type of obstruction which the key must overcome to actuate the bolt; and this in turn largely influences the form of the key.

The four types of key most commonly used are the following, viz.:

Round Key, (Fig. 5), with solid cylindrical shank and stem, and with a wing bit.

Barrel Key, (Fig. 6), a round key with a tubular end, the hole in which fits over a guide-pin in the lock.

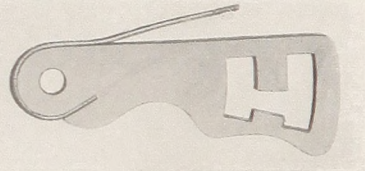
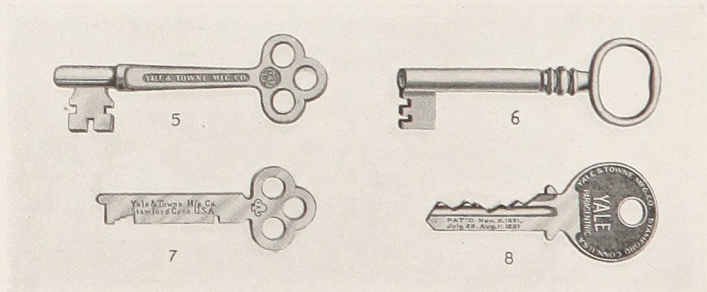


Fig. 4.
Lever Tumbler

Flat Key, (Fig. 7), originally of the Yale type, but now commonly used (in combination with a revolving centre or disc) with locks of both the warded or lever-tumbler types.

Cylinder Lock Key, (Yale type), Fig. 8, as used in pin-tumbler locks made on the Yale system.



The types of Locks in common use, clas-

sified by the element of the "obstacle," are as follows, viz:

*From a "Hand Book of Locks and Builders' Hardware" for Architects; by Henry R. Towne, 1904.

Warded Locks; (Fig. 9), this construction is usually employed only in the cheapest grades of locks, and, as so used, affords the minimum degree of security. As the term "warded lock" would call attention to these facts it is little used in the trade, and the rule "*caveat emptor*" applies. Most warded locks have a "back spring" or dog, the feeling of which, when using the key, resembles that of a tumbler, but which adds nothing to the security. Locks selected because *cheap* will usually be found to be of this type. Round, Barrel and Flat keys are all used with warded locks.

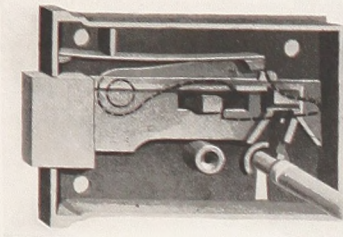


Fig. 9. Warded Lock

one-tumbler lock has little or no more security than a warded lock, and as attention is not often called to the fact that, although a "tumbler lock" it has only *one* tumbler, it is again a case of "*caveat emptor*." The buyer who pays little gets little, in locks as in other things.

With two or three tumblers, however, the degree of security increases rapidly, almost in a geometrical ratio to the number of tumblers, so that such locks become suitable for a large number of uses. With Builders' Locks even of this grade, however, the number of key changes is usually limited to 12 or 24, occasionally rising to 36 and in a few cases to 72, so that careful selection is needed where greater security against interchange of keys is desired. A good three-tumbler Builders' Lock, of the lever-tumbler type, should be capable of from 200 to 500 key-changes, and such locks can always be had if called for, but of course at higher cost.

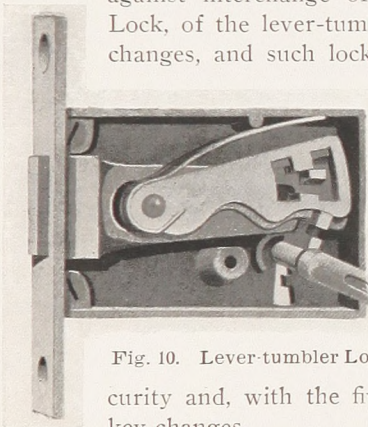


Fig. 10. Lever-tumbler Lock

15 to 18. It affords the highest degree of security and, with the five pin-tumblers usually employed, a vast number of key-changes.

In selecting locks for any purpose the *number of changes* should always be investigated, as it affords a reliable clew to the security and quality of the lock. Round, Barrel and Flat keys are all used with lever-tumbler locks.

Cylinder Locks (Yale type); this system of lock construction is fully described on pages 15 to 18. It affords the highest degree of security and, with the five pin-tumblers usually employed, a vast number of key-changes.

Under the generic name of "cylinder" locks they are now made by many manufacturers, all of whom have copied the original prototype, the Yale lock, more or less closely, excepting, of course, the Paracentric key and other features which are still protected by patents. As little or no difference in cost exists, however, preference may safely be given to the original, rather than to any copy, however close, especially as in this way the buyer is assured of the benefit of every latest improvement. Flat, Grooved, Corrugated and Paracentric keys are used with cylinder locks.

All Builders' Locks, Cabinet Locks and Padlocks are based on various combinations of the foregoing elements, their other variations relating merely to size or to uses.

Lock Picking*

SO much misconception on this subject exists as to justify a brief explanation. No lock *having a key hole* has ever been made or invented which is absolutely proof against picking, nor is it probable that one ever will or can be made. But ample security for all practical purposes can always be had by the selection of the proper types of locks, and the picking of the best of these can only be accomplished by means of skill and facilities not possessed by the sneak thief, nor even by the professional burglar. As experience has accumulated it has become evident that practical security does not depend upon intricacy of construction, but can be obtained in degree ample for all ordinary uses by simpler, and therefore better, methods of design and construction. The final outcome has been the rejection by the public of "freak" Locks of all kinds, and the acceptance of the three standard types explained elsewhere, viz.: "Warded," "Lever-tumbler" and "Pin-tumbler."

On the other hand, vast quantities of cheap locks are made which have such slight security as to offer little or no resistance to attack by the simplest tools, a few skeleton keys sufficing to open most of them, and in too many cases such locks are employed in places where security is really important, under the delusion that they furnish it. He who buys a cheap lock gets what he pays for and no more.

The method employed to pick a lock depends on its type. To pick a "warded" lock all that is required is an instrument which will clear the wards and which has an arm or bit on its end of a length which will engage with the bolt so as to move it. A pick of this kind can usually be made by simply bending a piece of stiff wire (such as telegraph wire) into a hook, a few trials sufficing to ascertain the necessary shape. Hence the insecurity of the common warded lock used on doors and on furniture. Its merit lies in its cheapness, but it should have no place where security is needed.

To pick a "lever-tumbler" the same simple instrument may be sufficient, if there is only *one* tumbler, but if the lock has several tumblers another method and better instruments are usually necessary. In this case the method of picking consists in using one instrument to put retractive pressure on the bolt, and another to lift the several tumblers, one at a time. The application of pressure forces the "fence" or stump on the bolt against the tumblers. Practically one tumbler will always be found to bear first or harder than the others, and a delicate sense of touch will detect this difference through the picking tool, thus enabling that tumbler to be set so that its "gating" is in line with the "fence," whereupon it will hang or remain resting on the "fence" while the same operation is repeated to find the tumbler which next bears hardest, this process being continued until all of the tumblers are thus set, whereupon the pressure on the bolt will cause it to retract, the barrier to its motion having been overcome.

All "lever-tumbler" locks are susceptible to attack by this method, some being easy and others difficult to pick, according to their construction and number of tumblers. As a rule the difficulty increases rapidly with the increase in the number of tumblers. The same method is available in the case of cylinder locks, except that the pressure is applied to rotate the plug instead of to act directly on the bolt, but as such locks usually have five pin-tumblers, which are more difficult of access and are, or should be, more accurately fitted, the difficulty of picking is greatly increased and

*From a "Hand Book of Locks and Builders' Hardware" for Architects; by Henry R. Towne, 1904.

can only be overcome by an expert aided by the necessary instruments. The highest degree of security is attained by the Yale Paracentric Lock, in which the difficulties just referred to are greatly augmented (as explained on pages 15 to 18) by the interlocking barriers of the key-way which, projecting from either side beyond the axial line, so obstruct the key-way as to make the use of the picking instruments, even of the finest kind, exceedingly difficult, and rendering this lock unpickable except by the most skillful expert equipped with special and very delicate tools. As against any attack to which it is exposed in actual use the Yale Paracentric Lock is practically pick-proof.

Safety against picking and high capacity for key-changes are the two elements which determine the degree of security which a lock affords, and both should be kept in mind when selecting locks for various uses. For some purposes a lock is needed merely to secure reasonable privacy, and in such cases high security is not called for, but for cash drawers, desks, wine closets, offices and especially for the street doors of stores, residences, etc., only locks having high security should be selected, and the difference in cost between these and those of inferior character is now so small as to leave no excuse for the use of insecure locks where the protection of person or property is the end in view.

Master-Keyed Locks*

A SERIES of locks is said to be "master-keyed" when so constructed that each lock can be operated by its own key, which fits it but no other lock in the series, and also by another key which will operate every lock in the series, this latter being designated as a "master-key" or "pass-key." A series of locks, therefore, may be arranged in either of three different ways, viz:

1. All different, each key opening only one lock.
2. All alike, any key opening all of the locks.
3. Master-keyed, with locks all different (as in No. 1), but with a master-key also, which passes all of the locks (as in No. 2).

Under Plan No. 1 the tumblers or wards in each lock are so made that it can only be operated by one particular key. Under Plan No. 2 the same statement applies, the tumblers or wards being identical in every lock of the series. Under Plan No. 3 the construction is such that each lock may be passed by two different keys, one the "change key" and the other the "master-key"; one of these being variable and the other constant throughout the series. Thus each master-keyed lock has two settings or changes, one of which is different and the other of which is uniform in every lock of the series, the master-key acting on the latter. Hence arises an unavoidable diminution of security in master-keyed locks, except only in the case of the Yale Duplex system described below.

The types of locks which are available for master-keying are the following:

A. Warded Locks; having fixed obstacles, or wards, to clear which the key must have corresponding wards or indentations.

B. Lever-tumbler Locks; having one or more movable obstacles or tumblers, which the key must set in a certain position to permit the bolt to move.

C. Pin-tumbler Locks (Yale system); having pin-tumblers which the key must set in a certain position before it can rotate to actuate the bolt.

D. Yale Duplex System; having two separate pin-tumbler cylinders, one for the change-key the other for the master-key, either of which controls the bolt.

A series of Warded Locks is master-keyed by means of a "skeleton" key, the bit of which is cut away sufficiently to avoid all of the wards in all of the locks of the series. This affords cheapness, but offers only a low grade of security, because a piece of wire, bent into form which will clear the wards and actuate the bolt, will operate any lock of this type. Warded locks, therefore, are only suitable where cheapness is the controlling factor and security is not essential.

A series of Lever-tumbler Locks is usually master-keyed either by providing two "gatings" on each tumbler, one of which is brought in line with the corresponding "fence" or post on the bolt by the change-key and the other by the master-key, or by providing a "lifter" which, when actuated by the master-key, moves the tumblers precisely as they are moved by the change-key when the latter acts directly on the tumblers. A third arrangement consists in providing a set of secondary levers which, when operated by the master-key, move the primary tumblers in the same manner as the change key which acts on them directly. Any of these constructions, well made, affords good security at reasonable cost, and therefore this type of master-keyed lock is adapted to a wide range of uses.

*From a "Hand Book of Locks and Builders' Hardware" for Architects; by Henry R. Towne, 1904.

A series of Pin-tumbler Locks is master-keyed by cutting each pin in two places, or by encircling the plug (which contains the key-way) with a larger annular plug, the result in either case being to provide two points at which each tumbler may be set to permit the plug to rotate, and utilizing one set of these points for the change key and the other for the master-key. This system affords excellent security and is admirably adapted for some uses, but the number of key changes it admits of is limited.

A series of Yale Duplex Locks is master-keyed by providing each lock in the series with two pin-tumbler cylinders, either of which will operate the bolt, one of them controlled by the change-key and the other by the master-key. This is the *only system* in which the original security of the tumbler mechanism is retained unimpaired, and in which the number of locks which can be combined in one series is limited only by the possible number of key changes. This system therefore affords the highest security, and by far the greatest capacity for grouping into one master-key series large numbers of locks.

A series of Master-keyed Locks may also be sub-master-keyed by dividing it into subordinate groups, each of which is controlled by a sub-master-key of its own (each lock having also its own individual key), or in each of which the locks are all alike and controlled by one key, each of these keys differing from the master-key, but every lock in the entire series being also controlled by a master-key which, in this case, is usually called the "grand master-key," to distinguish it from the "sub-master-keys."

In ordering master-keyed locks it is essential to specify, in addition to the usual information as to the list number of lock, thickness and hand of door, etc., the exact number and kind of locks to be grouped under one master-key, and the floor or rooms for which each group is intended, so that they may be packed and labeled accordingly.

Before the invention of the Yale lock every different size and style of lock had a different size and style of key, so that it was only possible to group together under one master-key locks of the same kind and size. In the Yale lock, on the contrary, the size and style of key are constant throughout almost the whole range of locks, covering hundreds of sizes and kinds and available for practically every use. The Yale lock has thus made it possible to group together, under a single master-key, locks adapted to practically every purpose. The possession of a master-key which will control many, if not all, of the locks which they have occasion to use will be a new idea to most individuals. The convenience, however, of having a single key which will control all of the locks in one's house, and also if desired at one's office, store or factory, and the resulting reduction of the usual bulky bunch of keys to a few small ones, of nearly uniform size and shape, is a luxury which will appeal to every one, but which can only be fully appreciated by experience.

The number of master-keys available with any given type of lock is limited. Therefore, unless proper care is exercised, there is serious danger that the same master-key may be furnished to two customers in the same city, or even in the same street or building. The only safety against this danger lies in maintaining a careful *record* of the location of the customer using each master-keyed series of locks. To "trust to luck" in this matter is to invite almost certain trouble for all concerned.

An additional reason for maintaining such record is the fact that additions to a master-keyed series of locks are often required, sometimes at long intervals. Unless a knowledge of the key changes used in the original series is available, it is not possible for the manufacturer to furnish such additions to a series of master-keyed locks without inevitable liability to duplications and interchange of keys.

For these reasons, especially the first, we have always made it a rule to decline to accept orders for master-keyed locks unless advised as to the name and location of the party by whom they are to be used. The information thus furnished exists in records which have carefully been maintained for many years, and is used solely for the purposes above explained. The maintenance of this system is essential to the protection of all customers, past and future, purchasing master-keyed locks, and the information required is treated as strictly confidential.

This explanation is furnished to meet the objection occasionally raised that it is "none of our business" as to what becomes of master-keyed locks after we deliver them to a customer, but we submit that it *is* our business not to furnish a customer with a set of locks to which his neighbor already has a key, nor with a key which will operate his neighbor's locks. We appeal, therefore, to our customers to coöperate with us in maintaining the integrity of the system, and the safety which it aims to provide for all users of master-keyed locks, by furnishing us, with each order, the information needed to maintain our records.

The use of master-keyed locks is rapidly increasing, and the subject merits careful consideration in connection with the selection of locks for buildings of all kinds. Master-keys have long been a *sine qua non* in the case of locks for hotel use, and have become almost equally so in the case of locks for office buildings, but their use can be extended, with advantage and convenience, to large buildings of all kinds. Even in residences the owner will appreciate the convenience of having a *single key* which will pass at least all of the important openings, such as the entrance doors, wine closet, stable, etc., usually secured by Yale locks. A specially appropriate field for master-keyed locks is in large industrial works and factories, where many doors require to be locked, and where the higher officials desire convenient control of *all* locks, while giving to subordinates access only to certain rooms or departments, and this subject is one which merits the careful consideration of the Works' Manager who desires to avail of modern improvements.

It must be recognized, however, that some increase of cost is inevitable if master-keyed locks are availed of, and it is of prime importance that no false economy should influence the selection of the proper kind of lock. Cheap locks afford little security, and even this is lessened where such locks are master-keyed. Moreover, master-key devices imply increased complication of mechanism, which, if not well made, is liable to get out of order and to entail trouble and expense. For all these reasons master-keyed locks, wherever used, should be of good and substantial construction, in which case they will be permanently satisfactory and well worth the moderate extra expense involved.

Where the best possible construction is desired the Yale Duplex System should be availed of, especially where the number of master-keyed locks is very large.

This subject is one concerning which the advice and assistance of a technical expert is exceptionally desirable, and should always be made use of if possible.

We invite correspondence on this subject.

Hand and Bevel of Doors*



MANY years ago, finding that no absolute rules then existed whereby to determine the "hand of doors," we formulated the following rules, which now represent the established standard of the trade, and should be observed carefully in making up orders.

RULES.

1. The hand of a door is always determined from the *outside*.

2. The "outside" is the street side of an entrance door, the corridor side of a room door, and the room side of a closet door. The outside of a communicating door, from room to room, is the side from which, when the door is closed, the butts are *not* visible. The outside of a pair of twin doors is the space between them. This rule ap-

plies to *sliding* doors as well as to doors hung on hinges.

3. If, standing outside of a door, the butts are on the right it is a right hand door, if on the left it is a left hand door.

4. If, standing outside, the door opens from you, or inward, it takes a lock with *regular bevel* bolt, and if opening outward it takes a lock with *reverse bevel* bolt.

5. A *door* is "beveled" when its edge is not at a right angle with its surface, and in this case the front of a mortise lock must be beveled to correspond. This bevel is expressed by stating the thickness of door and the distance which one edge drops back of the other. The standard bevel is $\frac{1}{8}$ inch in $2\frac{1}{4}$ inches. (Fig. 5.)

6. The bevel of a *lock* is a term used (both with mortise and rim locks) to indicate the *direction* in which the bevel of the latch bolt is inclined. If inclined outward, as for doors opening inward, it is a *regular bevel* (Fig. 6 on page 31); if inclined inward, as for doors opening outward, it is a *reverse bevel* bolt. (Except as to Cabinet Locks, which, being commonly used on doors opening outward, are regularly made with reverse bevel bolts unless otherwise specified.)

Mortise locks used with double doors having either *rabbeted* or *astragal* joints require to have fronts of corresponding sectional form. To avoid the extra cost of special patterns the edges or joints of such doors should conform to established lock standards. The standard rebate is *one-half inch*, as shown by Fig. 7, and the standard astragal joint has a *three-quarter inch* bead (the groove to receive it being slightly larger) as shown by Fig. 8.

The proper bevel of a door, if any is needed, is determined by the size of butt and the width of door, as shown by Fig. 9. The inner corner B of the door travels on the radius A B, and must have a clearance equal to the *versed sine* of the arc B C. This may be obtained by beveling the edge of the door or, if its edge is left square, by leaving sufficient clearance between the door and its jamb. If the door is of fair width, and if the butt does not need to be very wide, (to clear the architrave), it will be found that a square

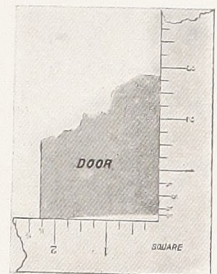


Fig. 5.

*From a "Hand Book of Locks and Builders' Hardware" for Architects; by Henry R. Towne, 1904.

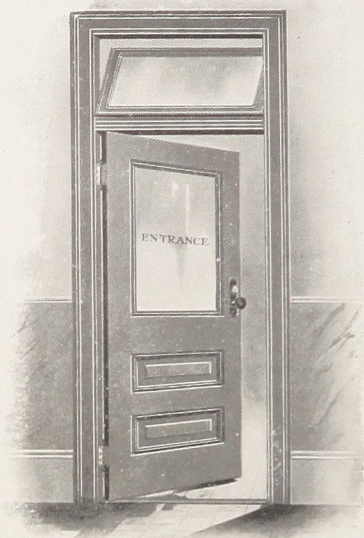


Fig. 2.

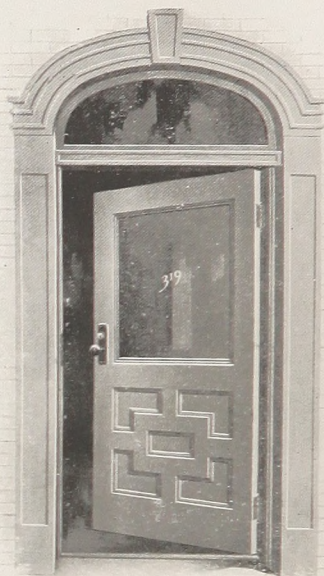


Fig. 1.



Fig. 4.



Fig. 3.

- | | | | | |
|---------|--------------------------|--------------|-----------------------|-----------------------|
| Fig. 1. | Right hand door, opening | <i>in</i> ; | takes right hand lock | <i>regular</i> bevel. |
| " 3. | " " " " | <i>out</i> ; | " " " | <i>reverse</i> bevel. |
| " 2. | Left hand door, opening | <i>in</i> ; | takes left hand lock | <i>regular</i> bevel. |
| " 4. | " " " " | <i>out</i> ; | " " " | <i>reverse</i> bevel. |

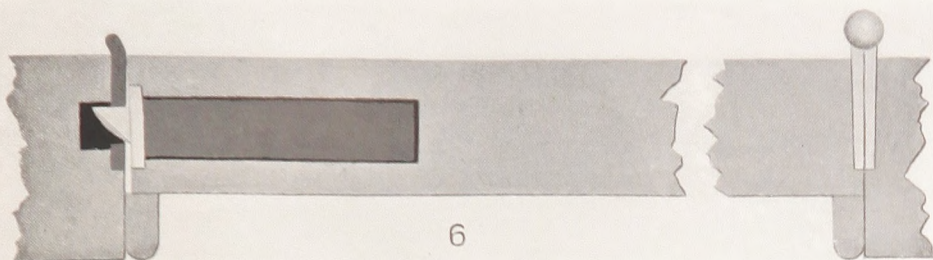


Fig. 6

edge may be used without resort to an unduly open joint, thus permitting the use of a lock with regular front, (i. e. *not* beveled). The use of beveled front locks should be avoided where no real need for them exists.

This depends on the relative positions of the points A, B and C, and by plotting these the question can be settled definitely, and better than by leaving it to the varying judgments of contractors or their workmen.

A "reversible" lock is one having a beveled latch bolt which can be turned over, or "reversed," to make its bevel face in the opposite direction, and thus to convert it at will to either a right hand or a left hand lock. Formerly many locks were made with a "slide reverse," that is so that, by sliding some piece (or the bolt itself) while the lock

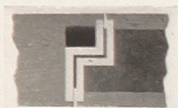


Fig. 7.

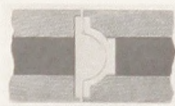


Fig. 8.

was in hand, the bolt could be turned over quickly. All devices of this kind tend to weaken and complicate the lock, for a trivial and transient convenience, and have generally been abandoned, except in cheap rim locks. The reversing of the bolt, where

desirable, is best accomplished by removing the cap of the lock, and locks so made are said to have a "cap reverse."

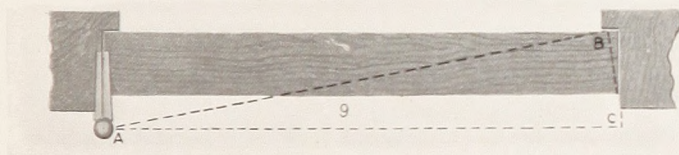


Fig. 9.

The strike of a *mortise* lock is the same whether for regular or reverse bevel. In the case of a *rim* lock, however, the two are quite different, as will be seen from the accompanying illustrations of a rim night latch, Figs. 10 and 11.

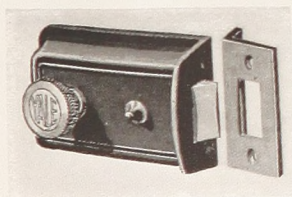


Fig. 10.

Right hand door, opening *outward*; requires *reverse* bevel bolt and strike.

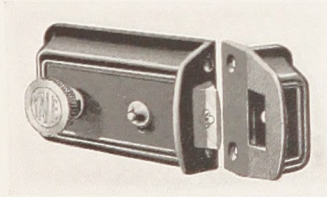


Fig. 11.

Right hand door, opening *inward*; requires *regular* bevel bolt and strike.

The Care of Locks*

LOCKS, like other pieces of mechanism, need reasonable care and attention to keep them in their best condition. They contain moving parts, and this implies friction, wear and need of occasional lubrication.

The chief point of friction is the beveled latch bolt, and this is easily lubricated. All that is needed is to clean its face and back with a cloth moistened with naphtha or kerosene, to remove any dirt, and then to wipe these surfaces with another cloth saturated with sewing machine oil, or still better with vaseline, thus renewing the lubrication. Any house servant can do this simple work, and if done once or twice a year will keep the bolts in good condition at all times, so that each door will close easily and quietly.

Another external cause of trouble heretofore has been the tendency of the old-fashioned knob-screw to loosen, and the knob to come off. The advent of the "screwless" knob and the spindle, of which our "Triplex" knob is a good example, is eliminating this defect from modern buildings, but where the old style knobs, with side screw, are still in use it is a good plan to inspect them occasionally, and to tighten all loose screws, although a more radical remedy is to replace them with screwless knobs.

Undoubtedly the best result in these matters will be reached by having all locks and hardware inspected by a *lock expert* at regular intervals, say once a year, and the trifling expense thus entailed will be amply repaid by the increased comfort and by the avoidance of other expense for repairs.

In connection with the foregoing a word or two as to the care of Hardware will not be out of place. Bronze and brass, whether solid or plated, and whether in natural color or in any of the so-called "oxidized" finishes, is always protected by a coat of transparent lacquer applied by the manufacturer to prevent the goods from tarnishing. If the article is not much handled or exposed, this protection may be effective for a long time, but under handling the lacquer soon wears off. If discoloration then occurs, the only remedy is occasional polishing by hand (with chamois skin and a good polishing powder, such as "Putz Pomade" or "Bon Ami"), in which case it is better to remove *all* of the lacquer by first washing the article with alcohol.

*From a "Hand Book of Locks and Builders' Hardware" for Architects; by Henry R. Towne, 1904.

Padlocks

PADLOCKS are made in a vast variety of sizes, styles, and qualities, retailing at prices ranging from five dollars each down to ten cents, or less.

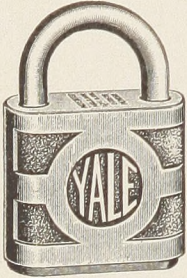
Our line of Padlocks is very extensive in range of design, size, grade and construction, and includes Padlocks suitable for every kind of use. The selection should be made in each case with careful reference to the intended use. Cheap Padlocks have their uses as well as those of better grades, but it is poor economy to use them where security is desired.

For use where exposed to moisture or the weather, preference should be given to Padlocks of bronze metal; where exposed to violence, they should be heavy, and preferably should have steel shackles; where used in series a type should be selected which has numerous tumblers and key changes; where wanted under control of a master-key, a type should be chosen which admits of master-keying without undue impairment of security.

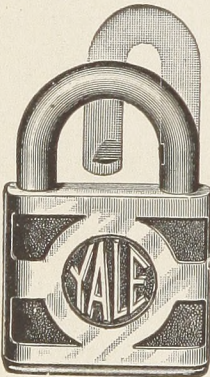
A customer should always be urged to base his selection on careful inspection of samples, and to select the best lock for his purpose rather than the cheapest.



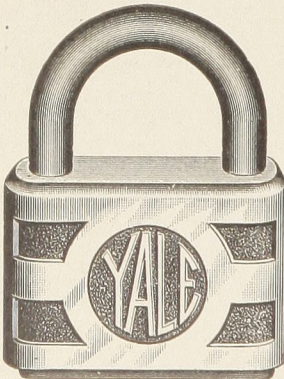
*Cuts
one-half
size.*



Nos. 840 and 841 Series



Nos. 850 and 851 Series



Nos. 870 and 871 Series

Yale

Cast Bronze Padlocks

Pin-Tumbler Mechanism

These Padlocks, being constructed on the YALE system, possess the highest security and an unlimited number of key changes. The locks are of unusually heavy construction; the shackles are of steel or bronze and are locked with two bolts, one engaging with either end of shackle.

When not Master-keyed any desired number of locks furnished, with guarantee that all will be different, no key passing any lock but its own. When ordering locks for a series which may subsequently be increased, the fact should be stated, so that the keys of additional locks, when ordered, shall not interchange with those previously furnished.

Price per
Dozen

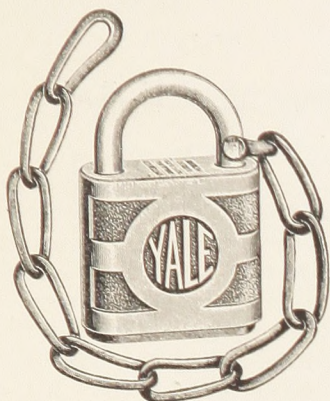
No. 830—1½ inches, 5 Pin-Tumblers, unlimited changes, 2 keys (cl. 10), Steel Shackle	\$32.00
8030 with Chain	36.00
830½ " Bronze Shackle	41.00
8030½ " " " and Chain	48.75

No. 840—1¾ inches, 5 Pin-Tumblers, unlimited changes, 2 keys (cl. 8), Steel Shackle	\$36.00
8040 with Chain	40.00
840½ " Bronze Shackle	45.00
8040½ " " " and Chain	53.75

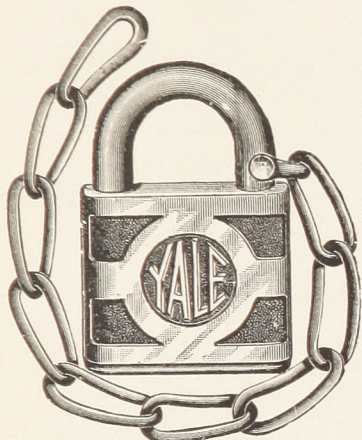
No. 850—2 inches, 5 Pin-Tumblers, unlimited changes, 2 keys (cl. 8), Steel Shackle	\$40.00
8050 with Chain	44.00
850½ " Bronze Shackle	50.00
8050½ " " " and Chain	58.75

Packed: each in box; 6 boxes in a carton;
6 dozen boxes in a case.

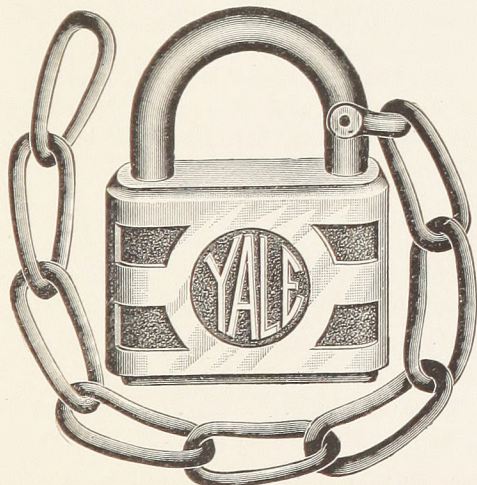
Cuts
one-half
size.



Nos. 8040 and 8041 Series



Nos. 8050 and 8051 Series



Nos. 8070 and 8071 Series

Yale Cast Bronze Padlocks (Continued)

	Price per Dozen
No. 870—2½ inches, 5 Pin-Tumblers, unlimited changes, 2 keys (cl. 8), Steel Shackle	\$64.00
8070 with Chain	68.00
870½ " Bronze Shackle	75.00
8070½ " " " and Chain	83.75

When Master-keyed any number of locks up to 1,000 can be furnished, with keys all different and all controlled by one Master-key. Sixteen different series of locks can also be furnished, each with a different Master-key, controlling all of the locks in the series, no two locks in the entire series having individual keys alike, and if desired, the entire sixteen series may be controlled by a grand Master-key.

	Price per Dozen
No. 831—1½ inches, 5 Pin-Tumblers, 1,000 changes, 2 keys (cl. 10), Steel Shackle	\$38.00
8031 with Chain	42.00
831½ " Bronze Shackle	47.00
8031½ " " " and Chain	55.75

No. 841—1¾ inches, 6 Pin-Tumblers, 1,000 changes, 2 keys (cl. 11), Steel Shackle	\$42.00
8041 with Chain	46.00
841½ " Bronze Shackle	51.00
8041½ " " " and Chain	59.75

No. 851—2 inches, 6 Pin-Tumblers, 1,000 changes, 2 keys (cl. 11), Steel Shackle	\$46.00
8051 with Chain	50.00
851½ " Bronze Shackle	56.00
8051½ " " " and Chain	64.75

No. 871—2½ inches, 6 Pin-Tumblers, 1,000 changes, 2 keys (cl. 11), Steel Shackle	\$70.00
8071 with Chain	74.00
871½ " Bronze Shackle	81.00
8071½ " " " and Chain	89.75

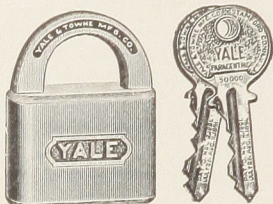
Packed: each in box; 6 boxes in a carton;
6 dozen boxes in a case.



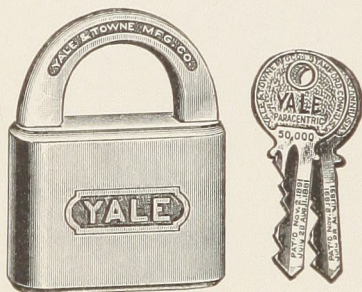
*Cuts
one-half
size.*

Yale Bronze Metal Padlocks

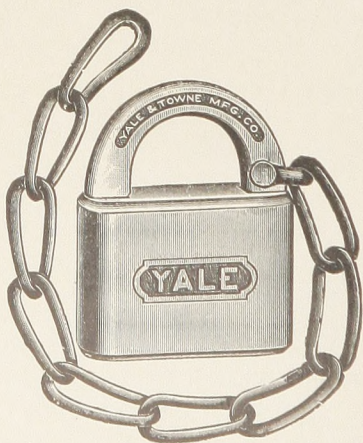
Pin-Tumbler Mechanism



Nos. 733 and 733MK



Nos. 753 and 753MK



Nos. 753 1/2 and 753 1/2 MK

When not Master-keyed any desired number of locks furnished, with guarantee that all will be different, no key passing any lock but its own. When ordering locks for a series which may subsequently be increased, the fact should be stated, so that the keys of additional locks, when ordered, shall not interchange with those previously furnished.

	Price per Dozen
No. 733—1 3/8 inches, 4 Pin-Tumblers, unlimited changes, 2 keys, (cl. 10), Bronze Shackle . .	\$28.00
733 1/2, 1 3/8 inches, with Chain . .	32.00
753, 2 inches, 5 Pin-Tumblers, 2 keys (cl. 8)	35.00
753 1/2, 2 inches, with Chain	39.00
Packed : without chain, 1/2 dozen in a box ; with chain, 1/4 dozen	

When Master-keyed any number of locks up to 1,000 can be furnished, with keys all different and all controlled by one Master-Key. Sixteen different series of locks can also be furnished, each with a different Master-Key controlling all of the locks in the series, no two locks in the entire series having individual keys alike, and, if desired, the entire sixteen series may be controlled by a grand Master-Key.

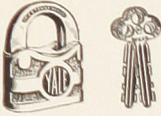
	Price per Dozen
No. 733MK—1 3/8 inches, 4 Pin-Tumblers, unlimited changes, 2 keys, (cl. 10), Bronze Shackle . .	\$34.00
733 1/2MK, 1 3/8 inches, with Chain . .	38.00
753MK, 2 inches, 5 Pin-Tumblers, 2 keys (cl. 11)	41.00
753 1/2MK, 2 inches, with Chain . . .	45.00
Packed : without chain, 1/2 dozen in a box ; with chain, 1/4 dozen.	

Cuts
one-half
size.

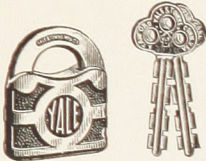


"Standard"

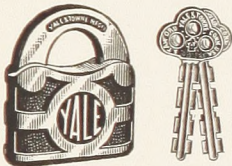
Cast Bronze Padlocks



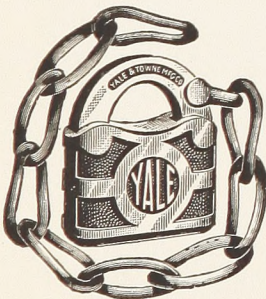
Nos. 1803 and 1803G



Nos. 813 and 814



Nos. 823 and 824



Nos. 8033 and 8034

The Leading line of High Grade Bronze Padlocks

Price per
Dozen

No. 1803— $\frac{3}{4}$ inch, 3 Lever Tumblers, 24 changes, 2 Fluted keys (cl. 82)	\$27.00
1803G—Gold Plated	40.00

Packed: each in a box; No. 1803, 12 boxes in a carton, No. 1803G, 6 boxes in a carton.

No. 813—1 inch, 3 Lever Tumblers, 48 changes, 2 Fluted keys (cl. 86)	\$17.00
8013 with Chain	20.00
814 " Steel Shackle	23.00
8014 " " " and Chain	26.00

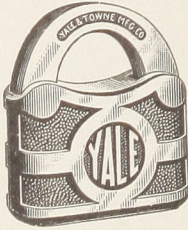
No. 823— $1\frac{1}{4}$ inches, 3 Lever Tumblers, 48 changes, 2 Fluted keys (cl. 86)	\$19.00
8023 with Chain	22.00
824 " Steel Shackle	25.00
8024 " " " and Chain	28.00

No. 833— $1\frac{1}{2}$ inches, 3 Lever Tumblers, 48 changes, 2 Fluted keys (cl. 87)	\$22.00
8033 with Chain	25.00
834 " Steel Shackle	28.00
8034 " " " and Chain	31.00

Packed: without chain $\frac{1}{2}$ dozen in a box; with chain $\frac{1}{4}$ dozen.



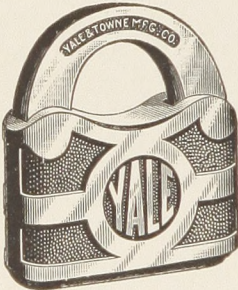
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one-half
size.*



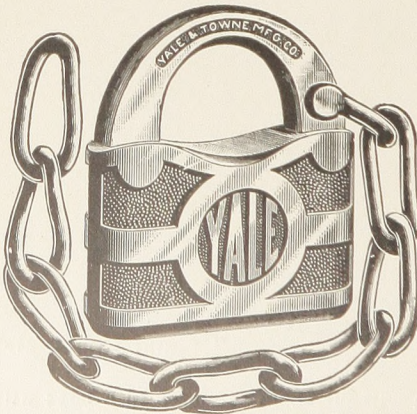
Nos. 843 and 844



Nos. 853 and 854



Nos. 863 and 864



Nos. 8073 and 8074

“Standard” Cast Bronze Padlocks (Continued)

Price per
Dozen

No. 843—1¾ inches, 4 Lever Tumblers, 72 changes, 2 Fluted keys (cl. 87)	\$25.00
8043 with Chain	28.00
844 “ Steel Shackle	31.00
8044 “ “ “ and Chain	34.00

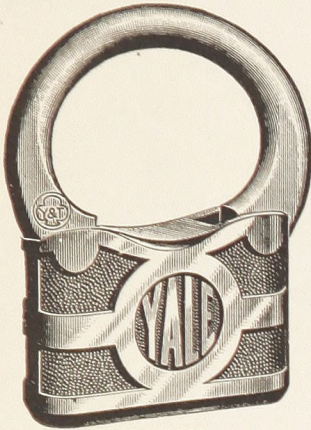
No. 853—2 inches, 4 Lever Tumblers, 144 changes, 2 Fluted keys (cl. 88)	\$28.00
8053 with Chain	32.00
854 “ Steel Shackle	34.00
8054 “ “ “ and Chain	38.00

No. 863—2¼ inches, 4 Lever Tumblers, 144 changes, 2 Fluted keys (cl. 88)	\$35.00
8063 with Chain	39.00
864 “ Steel Shackle	41.00
8064 “ “ “ and Chain	45.00

No. 873—2½ inches, 4 Lever Tumblers, 144 changes, 2 keys (cl. 79)	\$52.00
8073 with Chain	58.00
874 “ Steel Shackle	58.00
8074 “ “ “ and Chain	64.00

Packed: without chain ½ dozen in a box;
with chain ¼ dozen.

Cuts
one-half
size.



No. 8373

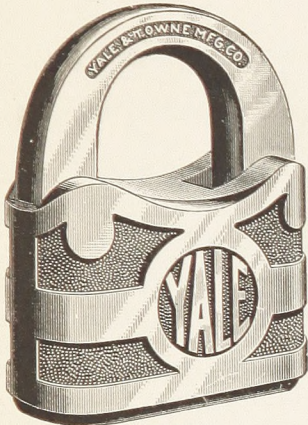


"Standard"
Cast Bronze Padlocks
(Continued)

Price per
Dozen

No. 8373—2½ inches, with Circlet
Shackle, 4 Lever Tum-
blers, 144 changes, 2
keys (cl. 79) . . . \$56.75

Packed: ½ dozen in a box.

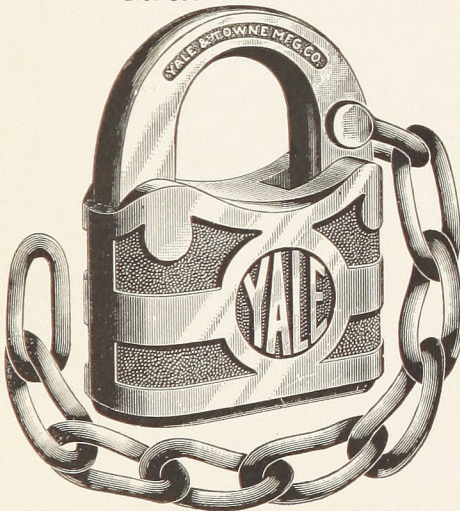


No. 893



No. 893—3 inches, 4 Lever Tum-
blers, 144 changes, 2 keys
(cl. 74) . . . \$90.00
8093 with Chain . . . 96.00
894 " Steel Shackle . 96.00
8094 " " " and
Chain . . . 102.00

Packed: ¼ dozen in a box.



No. 8093

"Standard"
Malleable Iron Padlocks
Bower-Barffed

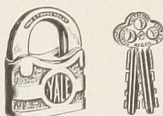
Price per
Dozen

No. 8093½—3½ inches, 4 Lever
Tumblers, 144 changes, 2
keys (cl. 64), with Steel
Shackle . . . \$92.00
8093½ with Chain . . . 98.00

Packed: each in a box.



*Cuts
one-half
size.*



No. 1803G

Yale

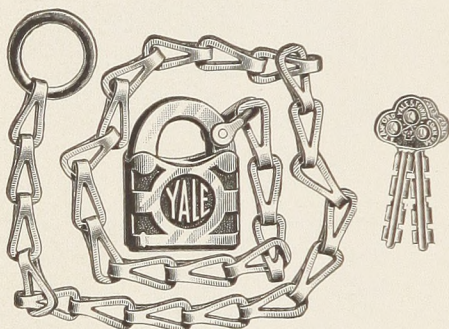
"Jewel" Padlocks

*Coined Gold Plated Case. Coined Bow
Fluted Keys*

Price per
Dozen

No. 1803G— $\frac{3}{4}$ inch, 3 Lever
Tumblers, 24 changes, 2
keys (cl. 82) . . . \$40.00

Packed: each in a box; 6 boxes in a carton.



Nos. 8013B and 8213B

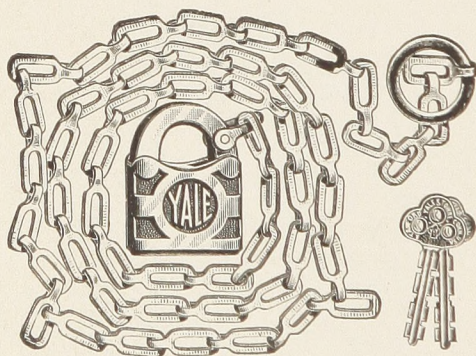
"Standard"

Cast Bronze Bicycle Padlocks

Price per
Dozen

No. 8013B—I inch, 3 Lever Tum-
blers, 48 changes, 2 Flut-
ed keys (cl. 86), with 15
inches of Chain . . . \$22.00
8213B with Nickel Plated Case
and Shackle . . . 27.00

Packed: $\frac{1}{4}$ dozen in a box.



Nos. 8013F and 8213F

"Standard"

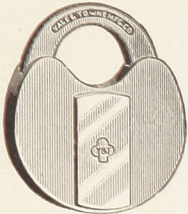
Cast Bronze Baggage Padlocks

Price per
Dozen

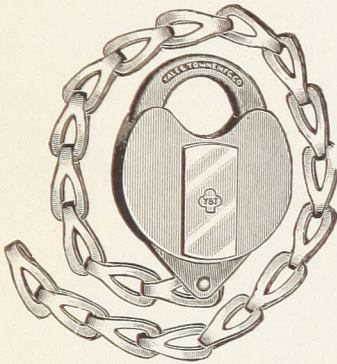
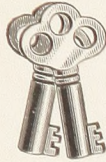
No. 8013F—I inch, 3 Lever Tum-
blers, 48 changes, 2 Flut-
ed keys (cl. 86), with 30
inches of Chain . . . \$26.00
8213F with Nickel Plated Case
and Shackle . . . 31.00

Packed: each in a box.

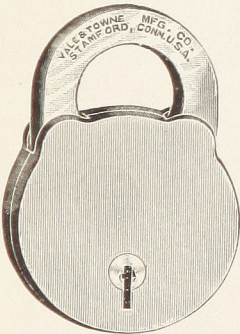
Cuts
one-half
size.



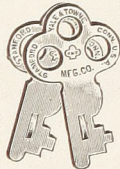
No. 210



No. 210 1/2



No. 414



Heavy Cast Bronze Padlocks

*With Spring Drop over keyhole.
Bronze Inside Work. Fine Wheel Finish*

Price per
Dozen

No. 210—1½ inches, 3 Lever Tumblers, 96 changes, 2	
Bronze keys (cl. K210)	\$17.50
210½ with Chain	21.50
410, 2⅞ inches, 2 keys (cl. K410)	22.25
410½ " " with Chain	27.00
510, 2¼ inches, 2 keys, (cl. K510)	24.00
510½ " " with Chain	29.75

The 2⅞ inch size can also be Master-keyed in sets of 200 locks or less, at \$4.00 per dozen list extra (Nos. 411 and 411½).

Packed: ½ dozen in a box.

Cast Bronze Padlocks

Fine Wheel Finish

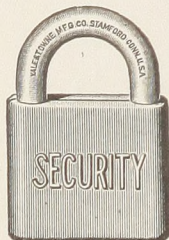
Price per
Dozen

No. 414—2 inches, 12 changes, 2	
keys (cl. K452)	\$12.00
414½ with Chain	15.00

Packed: ½ dozen in a box.



Cuts
one-half
size.



Nos. 231 and 232 Series

The "Security" Padlocks

Pin-Tumbler Mechanism

Nickel Plated Steel Shackle

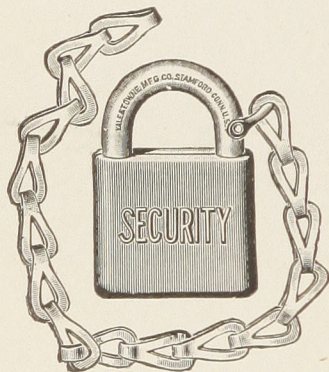
Price per
Dozen

- No. 231J—1½ inches, 4 Pin-Tumblers,
36 changes, 2 keys (cl. 10½)
Black Enamelled Steel Case . \$32.00
231½J with Chain 35.00
231V " Brass Case 36.00
231½V " " " and Chain 39.00

When Master-keyed, capable of 1,500 changes, all different and subject to one Master-key; or these may be divided into any desired number of sets, each set having a different Master-key.

- No. 232J—1½ inches, 4 Pin-Tumblers,
1,500 changes, 2 keys (cl. 15½)
Black Enamel Steel Case . . \$38.00
232½J with Chain 41.00
232V " Brass Case 42.00
232½V " " " and Chain 45.00

Packed : ½ dozen in a box.



Nos. 231½ and 232½ Series

The "Defender" Padlocks

Pin-Tumbler Mechanism

Nickel Plated Steel Shackle

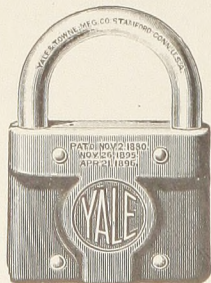
Price per
Dozen

- No. S43—1½ inches, 3 Pin-Tumblers, 36
changes, 2 keys (cl. 16) Bower-
Barffed Steel Case \$14.00
S403 with Chain 17.00
S43N with Nickel Plated Steel Case 16.00
A43 with Brass Case 15.50
A403 " " " and Chain . 18.50

- No. S53—2 inches, 4 Pin-Tumblers, 144
changes, 2 keys (cl. 6), Bower-
Barffed Steel Case \$17.50
S503 with Chain 20.50
S53N " Nickel Plated Steel Case 18.50
A53 " Brass Case 19.00
A503 " " " and Chain 22.00

The 2 inch size can be Master-keyed in 60 sets, 6 to 14 changes per set, at an extra price of \$5.00 dozen list. (Nos. S53MK and A53MK.

Packed : ½ dozen in a box.

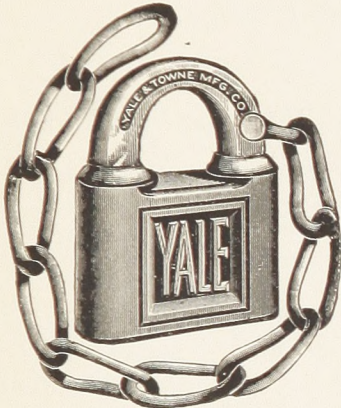


Nos. S53 and A53

Cuts
one-half
size.



No. 803



No. 8005

The "Ironsides" Padlocks

Pin-Tumbler Mechanism

Bronze Shackle

Price per
Dozen

- No. 801—1½ inches, 3 Pin-Tumblers, 36 changes, 2 keys (cl. 2½), Bower-Barffed Iron Case . . . \$10.75
 801N with Nickel Plated Case . . . 11.50
 802, 1½ ins., with Bronze Case . . . 14.00
 802N with Nickel Plated Bronze Case . . . 14.75
 No. 803—1½ ins., 2 keys (cl. 1½) with Bower-Barffed Iron Case . . . 11.00
 803N with Nickel Plated Case . . . 15.00
 8003, 1½ ins., with Bower-Barffed Case and Chain . . . 14.00
 804, 1½ ins., with Bronze Case . . . 17.50
 No. 805—2 inches, 4 Pin-Tumblers, 144 changes, 2 keys (cl. 3½) Bower-Barffed Iron Case . . . 14.00
 8005 2 ins., with Chain . . . 17.00
 805N " " Nickel Plated Case 18.25
 806 " " Bronze Case . . . 22.50
 8006 " " " " and Chain . . . 25.50

Packed: without chain ½ dozen in a box;
 with chain ¼ dozen.

No. "905" Line of Padlocks

Pin-Tumbler Mechanism

Bower-Barffed Iron Case and Bronze Shackle

Price per
Dozen

- No. 903—1½ inches, 3 Pin-Tumblers, 36 changes, 2 keys (cl. 116½) . \$14.00
 9003 with Chain . . . 17.00
 No. 905—2 inches, 4 Pin-Tumblers, 144 changes, 2 keys (cl. 106½) . \$17.50
 9005 with Chain . . . 20.50

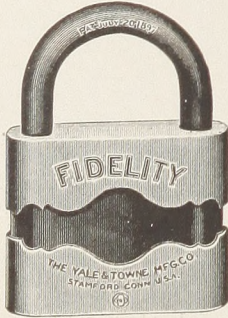
Packed: ½ dozen in a box.



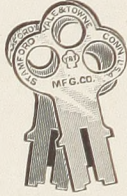
No. 905



*Cuts
one-half
size.*



No. 437



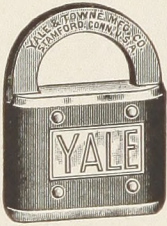
The "Fidelity" Padlocks

Black Enameled Steel Case; Caps of Wrought Brass, Buffed. Blued Steel Shackle

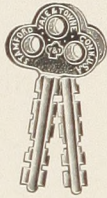
Price per
Dozen

No. 237—1½ inches, 5 Lever Tumblers, 18 changes, 2 keys (cl. K25)	\$10.00
237½, 1½ inches, with Chain	13.75
437, 2 inches, 2 keys (cl. K26)	12.00
437½ " with Chain	15.75

Packed: ½ dozen in a box.



No. 8434

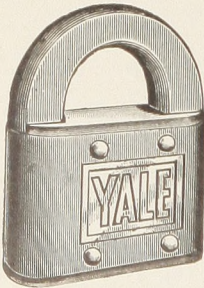


The "Monitor" Padlocks

Bower-Barffed Steel Case and Shackle, except as noted below

Price per
Dozen

No. 8414—I inch, 3 Lever Tumblers, 48 changes, 2 Fluted keys (cl. 86)	\$10.00
84014, 1 inch, with Chain	13.00
8434, 1½ inches, 2 keys (cl. 87)	11.00
84034 " with Chain	14.25



No. 8454



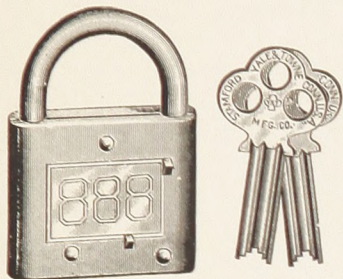
No. 8454—2 inches, 4 Lever Tumblers, 144 changes, 2 Fluted keys (cl. 88)	\$19.00
84054, 2 inches, with Chain	23.00
8454N " with Nickel Plated Steel Case and Shackle	22.00

Brass Case, Sand Blasted

No. 8454V—2 inches, 4 Lever Tumblers, 144 changes, 2 Fluted keys, (cl. 88), Brass Shackle	\$24.00
84054V, 2 inches, with Chain	28.00

Packed: ½ dozen in a box.

Cuts
one-half
size.



Nos. S888 and A888

"888"

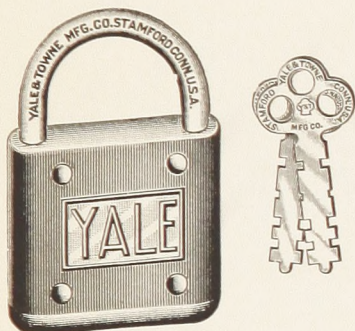
Wrought Metal Padlocks

Wrought Metal Case as below; 5 Lever Tumblers; 12 changes

Price per
Dozen

- No. **S888**—1¾ inches, Nickel Plated
Steel Case, Blued Steel Shackle,
2 keys (cl. K28) . . . \$16.25
A888 with Brass Case and Shackle 16.25

Packed: ½ dozen in a box.



No. 430

The "Defiance" Padlocks

*Black Enameled Steel Case, Nickel Plated
Steel Shackle*

Price per
Dozen

- No. **230**—1½ inches, 3 Lever Tumblers,
48 changes, 2 keys (cl. 77) . \$10.00
430, 2 inches, 2 keys (cl. 78) . . 11.00
430½ " with Chain . . . 13.00

Packed: ½ dozen in a box.

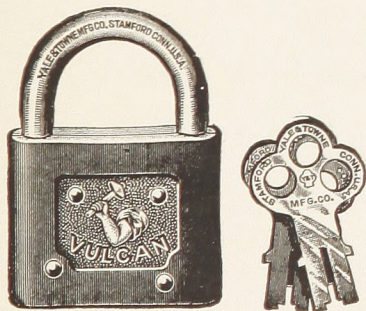
The "Vulcan" Padlocks

5 Lever Tumblers; 18 changes

Price per
Dozen

- No. **855C**—2 inches, Old Copper Steel
Case, Nickel Plated Steel
Shackle, 2 keys (cl. K26) . \$8.00
8055C with Chain . . . 12.00
855J " Ivory Black Case . . 6.25
8055J " " and Chain 10.25
855N " Nickel Plated Case . 8.00
8055N " " and Chain 12.00
855V " Brass Case and Shackle 10.00
8055V " " and Chain 14.00

Packed: ½ dozen in a box.



No. 855 Series



*Cuts
one-half
size.*



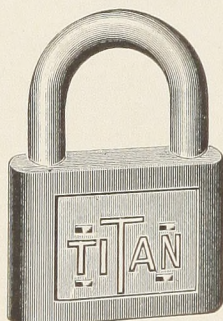
No. 413.



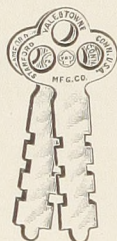
The "Meteor" Padlocks

*Cast Brass Case, Dipped Bright, Nickel Plated
Steel Shackle*

	Price per Dozen
No. 413—2 inches, 4 changes, 2 keys (cl. K413)	\$8.00
413½ with Chain	10.00
Packed: ½ dozen in a box.	



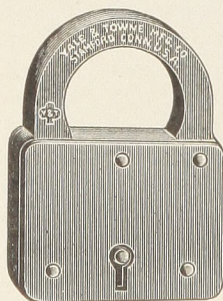
No. 412.



The "Titan" Padlocks

*Bower-Barffed Cast Iron Case, Panels of
Wrought Steel heavily Brass Plated and
scratch brushed. Brass Plated Steel Shackle.*

	Price per Dozen
No. 412—2 inches, 4 changes, 2 keys (cl. K412)	\$6.00
412½ with Chain	8.00
Packed: ½ dozen in a box.	



Nos. KS35 and KA35.



Wrought Metal Padlocks

2 Lever Tumblers; 36 changes

	Price per Dozen
No. KS35—2 inches, Bower-Barffed Steel Case, Nickel Plated Steel Shackle, 2 keys (cl. K35) . .	\$6.25
KA35 with Brass Case and Shackle	9.50
Packed: ½ dozen in a box.	

Cuts
one-half
size.



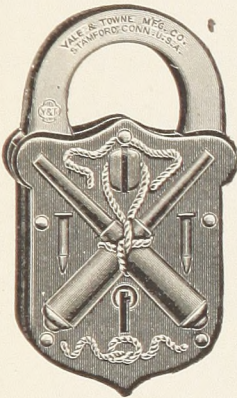
Nos. S815 and A815

The "Terror" Padlocks

Wrought Metal Case as below; 3 Lever Tumblers; 36 changes

Price per
Dozen

- No. S812—1¼ inches. Ivory Black Steel Case, Nickel Plated Steel Shackle, 2 keys (cl. K812) . \$4.75
S815, 2 inches, 2 keys (cl. K815) . 5.50
A812, 1¼ inches, with Brass Case and Shackle, 2 keys (cl. K812) 6.90
A815, 2 inches, 2 keys (cl. K815) . 8.00
Packed : ½ dozen in a box.



No. KS30 Series

The "Navy" Padlocks

2 Lever Tumblers; 12 changes

Price per
Dozen

- No. KS30C—2 inches, Old Copper Plated Steel Case and Shackle, 2 keys (cl. K10) \$6.00
KS30J, Ivory Black Steel Case, Brass Plated Steel Shackle . 5.00
Packed : ½ dozen in a box.

The "Reliance" Padlocks

Steel Case, Brass Plated Malleable Iron Shackle

Price per
Dozen



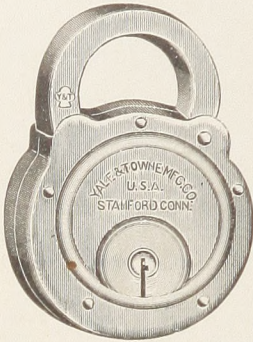
No. 454 Series.

- No. 454J—2 inches, 24 changes, 2 keys, (cl. K454), Ivory Black Case \$4.25
454½J, Ivory Black Case and Chain 6.25
454A with Brass Plated Case . . 4.45
454½A " " and Chain 6.45
654J, 2½ inches, 24 changes, 2 keys, (cl. K654), Ivory Black Case 6.00
654½J " " and Chain 8.00
654A with Brass Plated Case . . 6.20
654½A " " and Chain 8.20

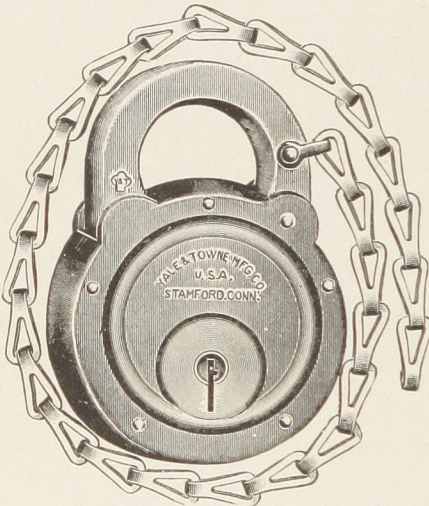
Packed : ½ dozen in a box.



*Cuts
one-half
size.*



No. 450 Series



No. 650 1/2 Series



No. KS10J



Wrought Metal Padlocks

*Wrought Metal Case and Shackle, as below
3 Lever Tumblers; 12 changes*

Price per
Dozen

No. 450J—2 inches, Ivory Black Steel Case, Nickel Plated Steel Shackle, 2 keys (cl. K10)	\$4.35
450 1/2J with Chain	7.60
450C with Old Copper Case	5.50
450 1/2C with Old Copper Case and Chain	9.30
450V with Brass Case and Shackle	6.60
450 1/2V “ “ “ and Chain	10.35

No. 650J—2 1/2 inches, Ivory Black Steel Case, Nickel Plated Steel Shackle, 2 keys (cl. K650)	\$6.50
650 1/2J with Chain	10.25
650V “ Brass Case and Shackle	10.50
650 1/2V “ “ “ and Chain	14.25

Packed: 1/2 dozen in a box.

The “Lion” Padlock

*Ivory Black Steel Case, Brass Plated Steel
Shackle*

Price per
Dozen

No. KS10J—1 3/4 inches, 2 Lever Tumblers, 12 changes, 2 keys (cl. K10)	\$3.60
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Packed: 1/2 dozen in a box.

Cuts
one-half
size.



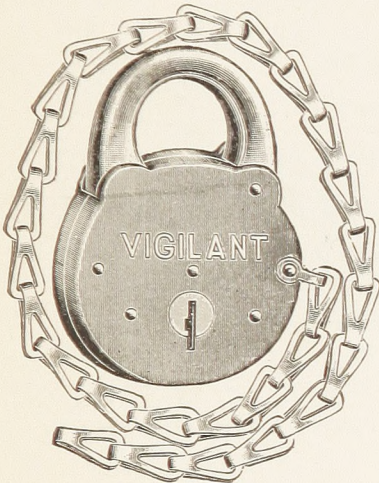
No. 452 Series



The "Vigilant" Padlocks

*Wrought Steel Case, as below. Brass Plated
Malleable Iron Shackle*

	Price per Dozen
No. 252J—1½ inches, 6 Changes, Ivory Black Steel Case, 2 keys (cl. K252)	\$2.60
252½J with Chain	4.60
252A " Brass Plated Case	2.80
252½A with Brass Plated Case and Chain	4.80



No. 452½ Series

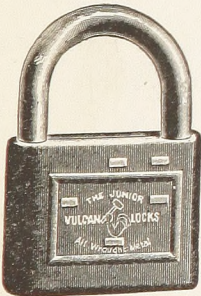
No. 452J—2 inches, 6 changes, Ivory Black Steel Case, 2 keys (cl. K452)	\$3.00
452½J with Chain	5.00
452A " Brass Plated Case	3.20
452½A with Brass Plated Case and Chain	5.20

No. 652J—2½ inches, 6 changes, Ivory Black Steel Case, 2 keys (cl. K652)	\$4.25
652½J with Chain	6.25
652A " Brass Plated Case	4.45
652½A with Brass Plated Case and Chain	6.45

Packed : ½ dozen in a box.

The "Vulcan Jr." Padlock

*Ivory Black Steel Case, Nickel Plated Steel
Shackle*



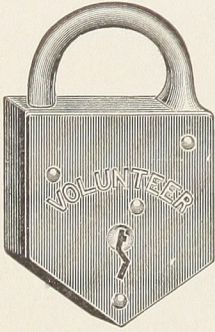
No. 810

	Price per Dozen
No. 810—2 inches, 4 changes, 2 keys (cl. K810)	\$4.50

Packed : ½ dozen in a box.



*Cuts
one-half
size.*



No. 353 Series

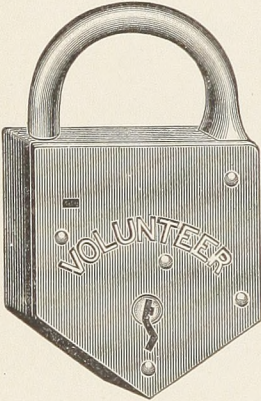


The "Volunteer" Padlocks

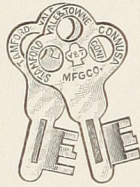
*Wrought Steel Case, Malleable Iron Shackle,
as below*

Price per
Dozen

- No. 353J—1¾ inches, 12 changes, Ivory
Black Case, Brass Plated
Shackle, 2 keys (cl. K353) . \$3.25
- 353E with Etruscan Bronzed Case
and Shackle 3.10
- 353T with Tinned Case and Shackle 3.25
- 353A " Brass Plated Case and
Shackle 3.45

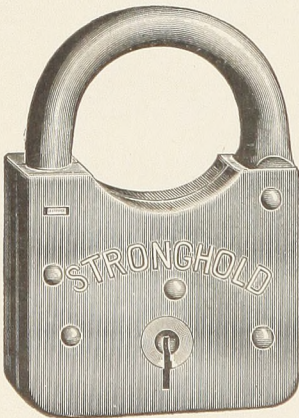


No. 553 Series



- No. 553J—2¼ inches, 24 changes, Ivory
Black Case, Brass Plated
Shackle, 2 keys (cl. K553) . \$3.85
- 553E with Etruscan Bronzed Case
and Shackle 3.65
- 553T with Tinned Case and Shackle 3.85
- 553A " Brass Plated Case and
Shackle 4.00

Packed : ½ dozen in a box.



No. 651



The "Stronghold" Padlocks

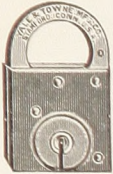
*Bower-Barffed Steel Case, Brass Plated Mal-
leable Iron Shackle*

Price per
Dozen

- No. 651—2½ inches, 6 changes, 2 keys
(cl. K651) \$4.00
- 651½ with Chain 6.00

Packed : ½ dozen in a box.

Cuts
one-half
size.



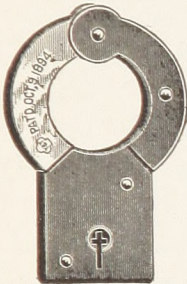
No. KS13

Wrought Metal Padlocks

Ivory Black Steel Case. Nickel Plated Steel Shackle

Price per
Dozen

- No. **KS13**—1 inch, 3 Lever Tumblers,
12 changes, 2 keys (cl. K13) . \$3.00
KS103 with Chain 5.75
Packed : ½ dozen in a box.



Nos. KS4J and KS4N

Bicycle Sprocket Locks

Wrought Steel Case and Shackle as below

Price per
Dozen

- No. **KS4J**—1 inch, 2 Lever Tumblers, 12
changes, Ivory Black Case,
Brass Plated Shackle, 2 keys
(cl. K4) \$2.60
KS4N with Nickel Plated Case and
Shackle 3.15
Packed : ½ dozen in a box.

Wrought Metal Padlocks

Wrought Steel Case and Shackle as below

Price per
Dozen

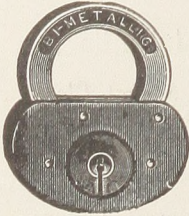


Nos. KS8J and KS8N

- No. **KS8J**—1¾ inches, 2 Lever Tum-
blers, 12 changes, Ivory Black
Case, Brass Plated Shackle, 2
keys (cl. K8) \$2.00
KS8N with Nickel Plated Case and
Shackle 2.75
Packed : ½ dozen in a box.



*Cuts
one-half
size.*



Nos. KS6J and KS6N



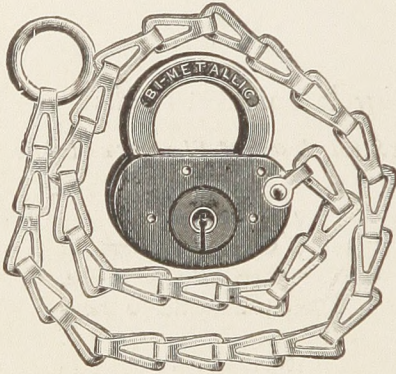
The "Bi-Metallic" Padlocks

Wrought Steel Case and Shackle, as below

Price per
Dozen

- No. **KS6J**—1¾ inches, 2 Lever Tumblers, 12 changes, Ivory Black Case, Brass Plated Shackle, 1 key (cl. K6) \$1.75
KS7J with 15 inches of Chain 4.00

Packed: ½ dozen in a box.



Nos. KS7J and KS7N

- No. **KS6N**—1¾ inches, 2 Lever Tumblers, 12 changes, Nickel Plated Case and Shackle, 1 key (cl. K6) \$2.50
KS7N with 15 inches of Chain 4.75

Packed: ½ dozen in a box.

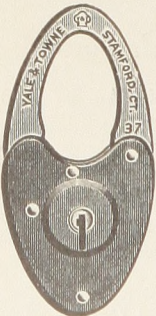
Bicycle Sprocket Locks

Wrought Steel Case and Shackle, as below

Price per
Dozen

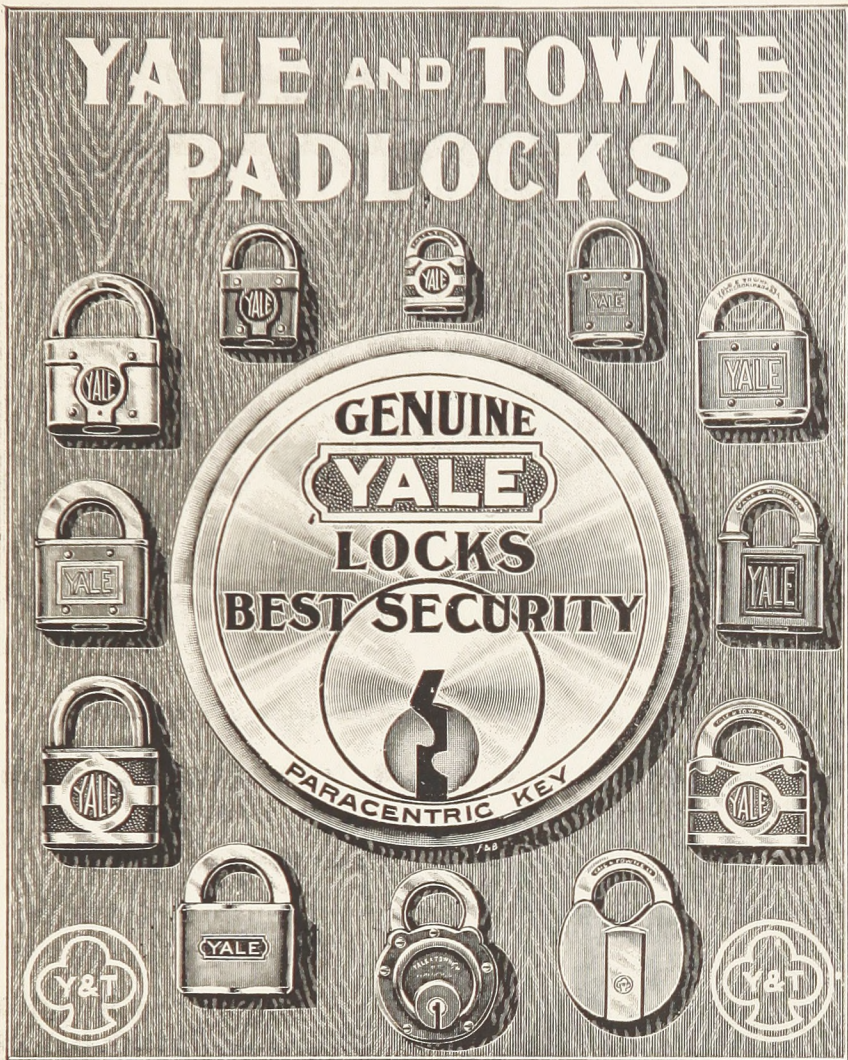
- No. **KS25J**—1⅝ inches, 2 Lever Tumblers, 12 changes, Black Enamelled Case, Brass Plated Shackle, 2 keys (cl. K6) \$2.40
KS25N with Nickel Plated Case and Shackle 3.00

Packed: ½ dozen in a box.



Nos. KS25J and KS25N





The Yale & Towne Padlock Assortment Card

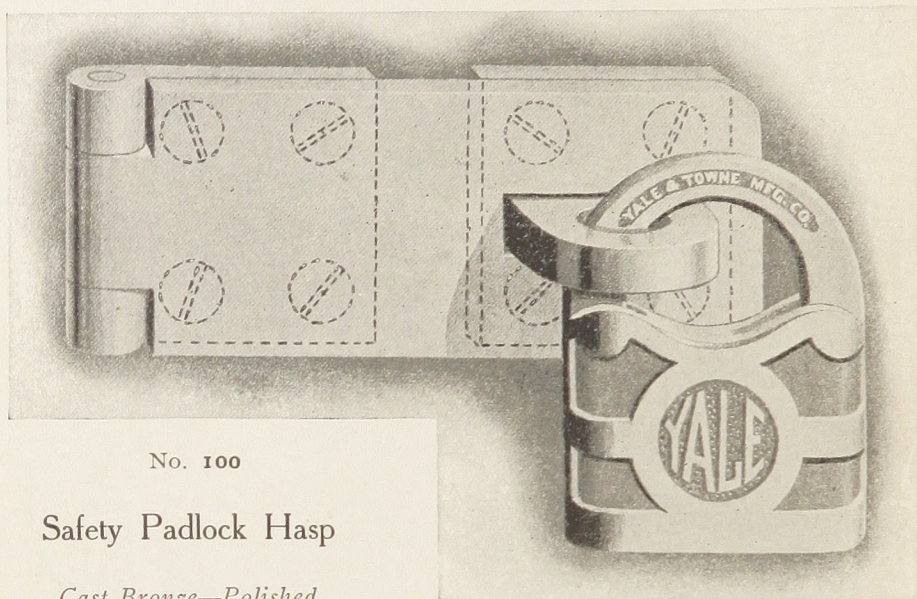
THE above illustration shows a handsome card 19 x 15 inches, on which are mounted an assortment of 12 of our most popular and best selling Padlocks. Beginning with centre padlock at top of card and reading to the right, the numbers are as follows: 813, 230, 8454V, 805, 853, 510, 450J, 753, 850, 8454, A53 and S43.

List price of card complete, *with padlocks* as shown, \$20.70.

The purpose of this card is to enable a dealer to obtain conveniently an assortment of these popular Padlocks, with which to test their salability in his trade.



*Cuts
one-half
size.*



No. 100

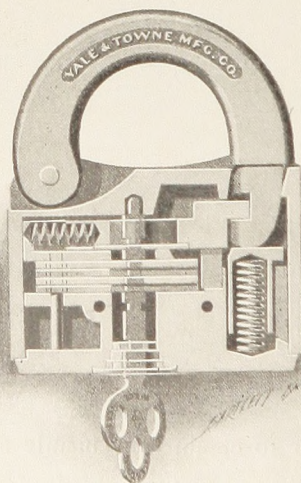
Safety Padlock Hasp

Cast Bronze—Polished

When locked all screws are concealed and protected.

The Hasp is $1\frac{3}{4} \times 6$ inches over all, and the Staple $1\frac{3}{4} \times 1\frac{5}{8}$ inches; each are $\frac{1}{4}$ inch thick. Price per dozen \$34.55

Packed: $\frac{1}{4}$ dozen in a box, with screws.



The construction of a genuine Y. & T. Standard Padlock is clearly shown in the accompanying illustration.

The statement that "appearances are deceptive" is particularly true of a Padlock. Its merit depends chiefly on its interior construction, not on its external appearance.

The "Standard" line of Padlocks has long held first place among high grade Padlocks; they have been imitated *externally*, but in no other respect.

Night Latches

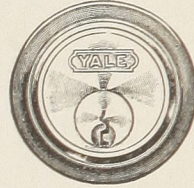
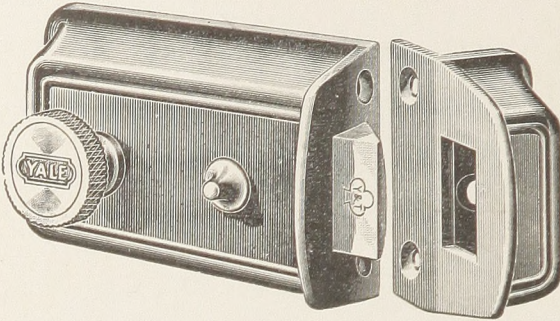
NO form of Lock is so widely used for purposes of security and convenience as the Night Latch, and no Night Latch is so popular as the Yale No. 42 Rim Night Latch, known and used throughout the world. It should be included in every hardware stock. Its modifications, Nos. 242, 042, 742, etc., are designed to meet special conditions, especially the No. 242 with "safety bolt," and are also in large demand.

Our line of Night Latches embraces, however, a wide range of kinds, sizes, and grades, from the No. 42 down to the No. 9, thus meeting every condition of use and the needs of all classes of customers. While a cheap Night Latch may be justified in some places, preference always should be given to the better grades, and, where real security is desired, the best is none too good.

Customers should be given opportunity to inspect the interior construction of the different latches, and urged to select, if not the best, at least those which in security, construction, and size are fairly adapted to the purpose in view. Where this is done, the customer will usually select Night Latches of the better grades.



Cuts
one-half
size.



No. 42 Line of Yale Rim Night Latches

The best and most popular night latch in the world. All screws are concealed when door is closed. A sure seller; should be in every hardware stock

Case, $2\frac{3}{8} \times 3\frac{1}{2} \times 1$ ins.; Bronze cylinder, bolt and knob; 3 Paracentric keys.

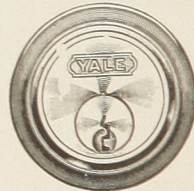
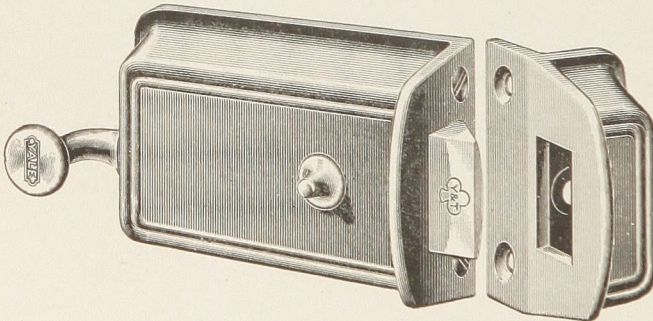
Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches thick.

No. 42—Iron case and Strike, old Copper Finish dozen \$44.80

No. 42D*— “ “ “ “ “ “ 44.80

*No. 42D may be dead-locked by stop in the locked position.



No. 142. Yale Rim Night Latch

A modified form of the No. 42; the sale of this latch is steadily increasing, the action of the “draw-back” knob being quick and positive

Case, $2\frac{3}{8} \times 3\frac{1}{2} \times 1$ ins.; Bronze cylinder, bolt and draw-back knob; 3 Paracentric keys.

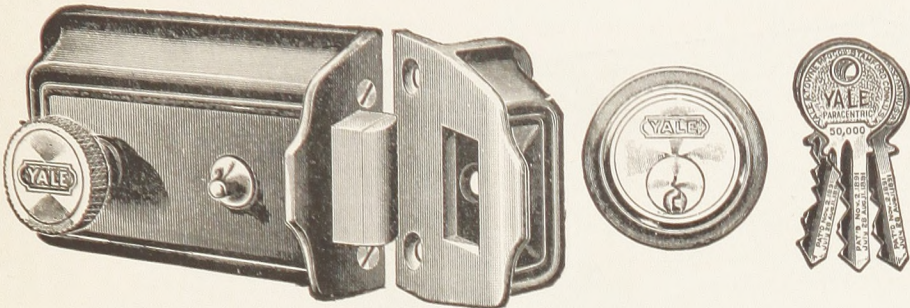
Operated from outside by key and from inside by draw-back knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches thick.

No. 142—Iron Case and strike, old Copper Finish dozen \$48.00

Packed: each in a box, with screws.

Cuts
one-half
size.



No. 242. Yale Rim Night Latch

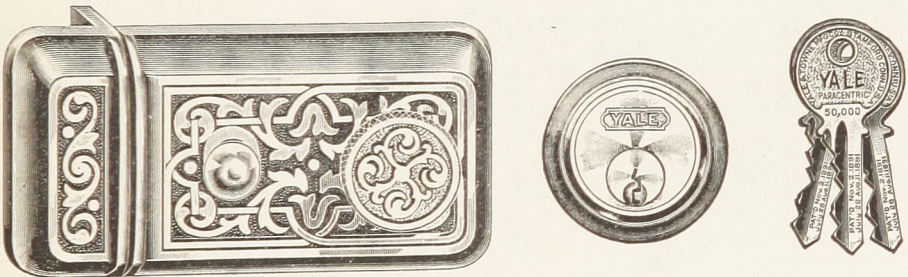
A modified form of the No. 42; contains a safety-bolt which acts normally as a spring latch, but if attacked with tools through crack of door a safety device dead-locks the bolt and prevents its retraction except by the knob or key

Case, $2\frac{3}{8} \times 3\frac{1}{2} \times 1$ ins.; Bronze cylinder, bolt and knob; 3 Paracentric keys.

Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches thick.

No. 242—Iron Case and Strike, old Copper Finish dozen \$55.60



No. F42. Yale Rim Night Latch

Similar to the No. 42, but with ornamental case and strike; relief natural color, buffed; ebonized matte

Case, $2\frac{3}{8} \times 3\frac{1}{8} \times 1$ ins.; Bronze bolt and cylinder, Brass knob and stop; 3 Paracentric keys.

Operated from outside by key and from inside by knob; self-locking.

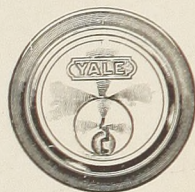
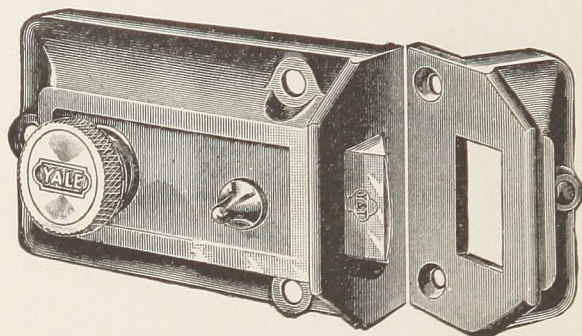
For doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches thick.

No. F42—Iron, Brass Plated Case and Strike dozen \$46.00

Packed: each in a box, with screws.



*Outs
one-half
size.*



No. 042 Line of Yale Rim Night Latches

An earlier and still popular model of the No. 42

Case, $2\frac{3}{8} \times 3\frac{5}{8} \times 1$ ins.; Bronze cylinder, bolt and knob; 3 Paracentric keys.

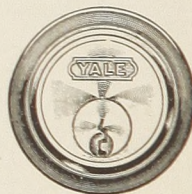
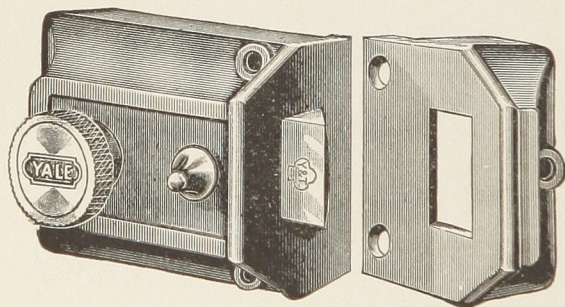
Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{3}{4}$ inches thick.

No. 042—Japanned Iron Case and Strike dozen \$41.65

No. 042D* “ “ “ “ “ 41.65

*No. 042D may be *dead-locked* by stop in the locked position.



No. 442. Yale Rim Night Latch

Similar to the No. 042 night latch listed above, but with a case only $2\frac{3}{4}$ inches deep; suitable for doors with narrow stiles

Case, $2\frac{3}{8} \times 2\frac{3}{4} \times 1$ ins.; Bronze cylinder, bolt and knob; 3 Paracentric keys.

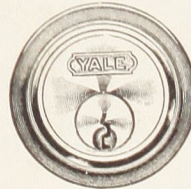
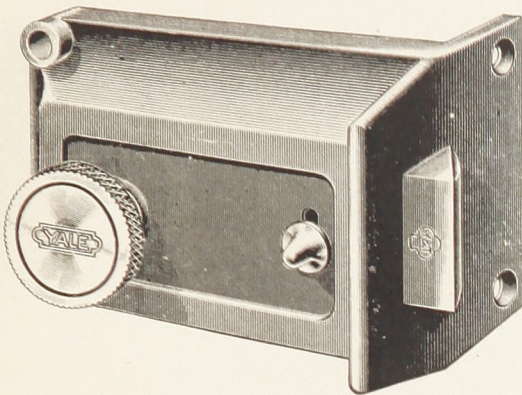
Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches thick.

No. 442—Japanned Iron Case and Strike dozen \$41.65

Packed: each in a box, with screws.

*Cuts
one-half
size.*



No. 742. Yale Rim Night Latch

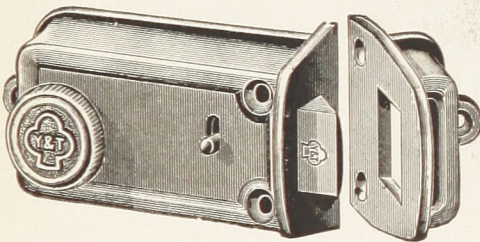
For use where a night latch of large size and the best grade is required

Case, 3 x 4 x 1¼ ins.; Bronze cylinder, bolt and knob; 3 Paracentric keys.

Operated from outside by key and from inside by knob; self-locking.

For doors 1⅝ to 3 inches thick.

No. 742—Japanned Iron Case and Strike dozen \$62.50



No. 22. Yale Rim Night Latch

*Somewhat lighter in construction than the No. 42 and with a narrower case
It has Pin-Tumbler mechanism, and has proved a good seller*

Case, 2 x 3⅝ x 1 ins.; Bronze cylinder, bolt and knob; 3 Flat steel keys.

Operated from outside by key and from inside by knob; self-locking.

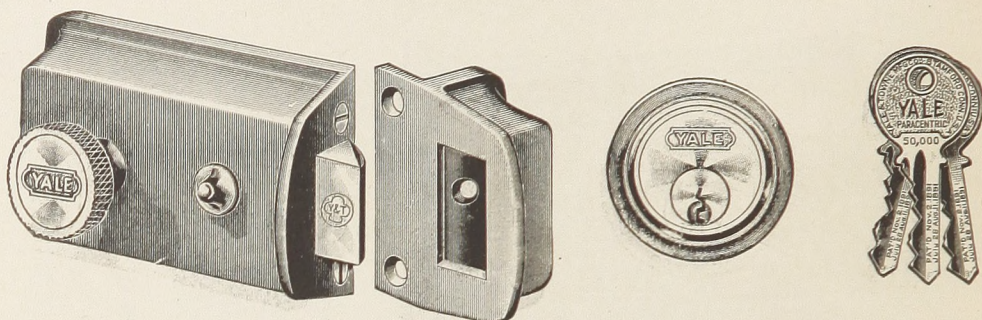
For doors 7⁄8 to 2 inches thick.

No. 22—Japanned Iron Case and Strike dozen \$35.45

Packed: each in a box, with screws.



*Cuts
one-half
size.*



No. 52. Yale Rim Night Latch

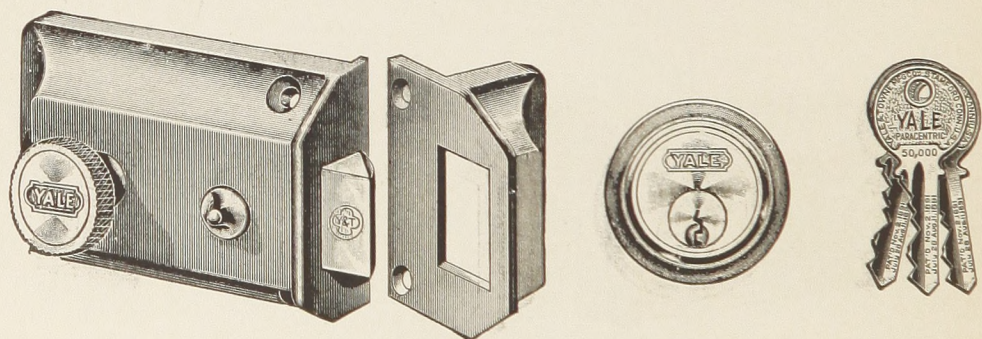
A modified form of the No. 42. The buffed Bronze case gives a very handsome effect. Especially suitable for use on shipboard or near salt water, there being no parts to rust

Case, $2\frac{3}{8} \times 3\frac{1}{2} \times 1$ ins.; Buffed Bronze Case, cylinder, bolt and knob; 3 Paracentric keys.

Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{1}{2}$ inches thick.

No. 52—Buffed Bronze Case and Strike. dozen \$87.45



No. 052. Yale Rim Night Latch

A modified form of No. 042. The buffed Bronze case gives a very handsome effect. Especially suitable for use on shipboard or near salt water, there being no parts to rust

Case, $2\frac{3}{8} \times 3\frac{5}{8} \times 1$ ins.; Buffed Bronze Case, cylinder, bolt and knob; 3 Paracentric keys.

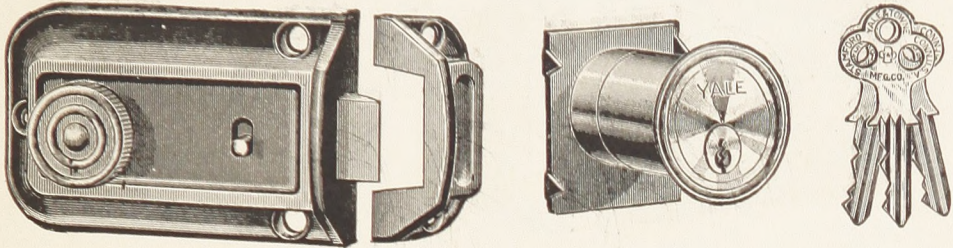
Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $2\frac{3}{4}$ inches thick.

No. 052—Buffed Bronze Case and Strike. dozen \$87.45

Packed: each in a box, with screws.

Cuts
one-half
size.



No. 25 Line of Yale Rim Night Latches

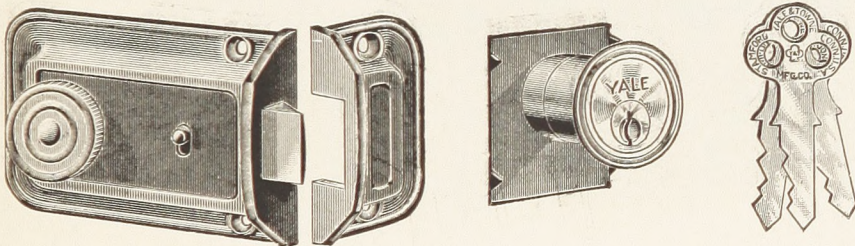
A popular latch with Pin-Tumbler mechanism; easy of application

Case, $2\frac{1}{4} \times 3\frac{5}{8} \times \frac{7}{8}$ ins.; Bronze knob and stop; Bronze plated steel tube; Bronze plated iron bolt; 3 Corrugated keys.

Operated from outside by key and from inside by knob; self-locking.

No. 25—Japanned Iron Case and Strike, for doors up to $1\frac{1}{2}$ ins. thick . . . dozen \$27.10

No. 25½—Japanned Iron Case and Strike, for doors $1\frac{3}{4}$ to $2\frac{1}{4}$ ins. thick . . . “ 27.10



No. 425. Yale Rim Night Latch

A smaller and less expensive form of the No. 25 listed above. Like the No. 25 it has Pin-Tumbler mechanism and is easy of application

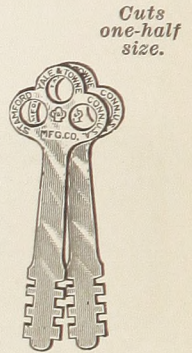
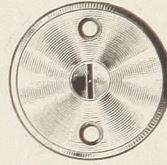
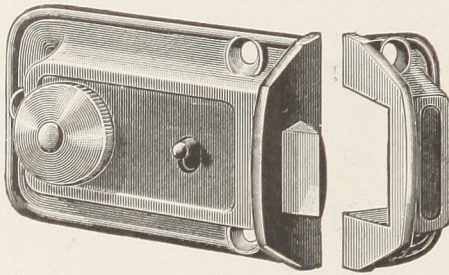
Case, $2\frac{1}{4} \times 3 \times \frac{7}{8}$ ins.; Bronze knob and stop; Bronze plated steel tube; Bronze plated iron bolt; 3 Flat steel keys.

Operated from outside by key and from inside by knob; self-locking.

For doors $\frac{7}{8}$ to $1\frac{1}{2}$ inches thick.

No. 425—Japanned Iron Case and Strike . . . dozen \$22.95

Packed: each in a box, with screws.



No. 20 Line of Rim Night Latches

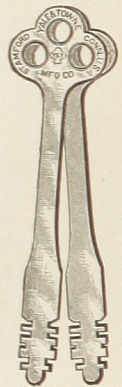
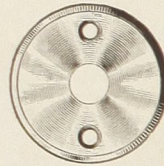
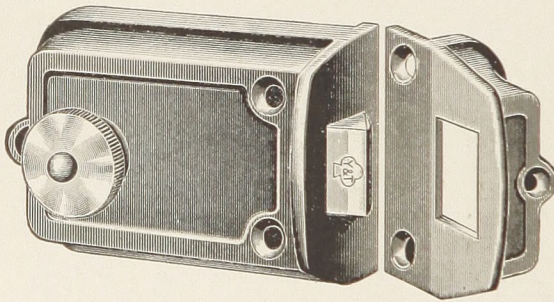
A well made and popular latch where price is a controlling factor; easy of application; offers fair security

Case, $2\frac{1}{4} \times 3 \times \frac{7}{8}$ ins.; Bronze knob, stop and key plate; wrought brass tube; Bronze plated iron bolt; 2 Flat steel keys, 24 changes.

Operated from outside by key and from inside by knob; self-locking.

No. 20—Japanned Iron Case and Strike; for doors up to $1\frac{3}{4}$ ins. thick . dozen \$14.60

No. 20½—Japanned Iron Case and Strike; for doors up to $2\frac{1}{2}$ ins. thick . “ 14.60



No. 19½. Rim Night Latch

A slightly larger and cheaper latch than the No. 20 listed above; but without stop work

Case, $2\frac{1}{4} \times 3\frac{1}{4} \times \frac{7}{8}$ ins.; Bronze plated steel knob; Bronze plated iron bolt; Nickel plated key plate, 2 Flat Steel keys, 12 changes.

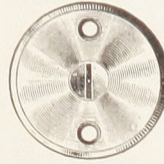
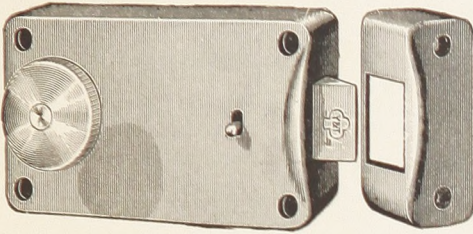
Operated from outside by key and from inside by knob; self-locking.

For doors up to 2 inches thick.

No. 19½—Japanned Iron Case and Strike dozen \$10.45

Packed: each in a box, with screws and key plate.

Cuts
one-half
size.



No. 15 Line of Rim Night Latches.

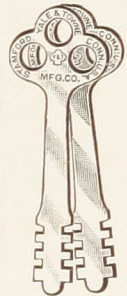
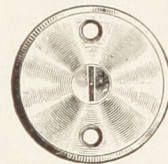
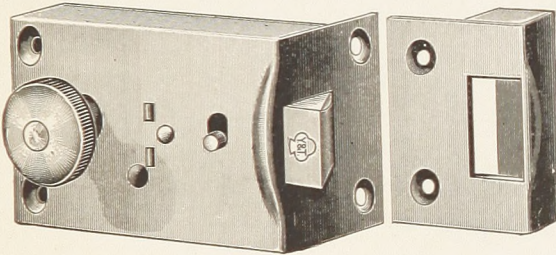
A substantial wrought metal latch, well made and offering fair security

Case, $2 \times 3\frac{1}{4} \times \frac{5}{8}$ ins.; Bronze knob, stop and key plate; wrought brass tube;
Cast Bronze bolt; 2 Flat steel keys, 12 changes.

Operated from outside by key and from inside by knob; self-locking.

No. 15—Enameled Steel Case and Strike; for doors up to $1\frac{3}{4}$ ins. thick . dozen \$12.50

No. 15½—Enameled Steel Case and Strike; for doors up to $2\frac{1}{2}$ ins. thick “ 12.50



No. 015 Line of Rim Night Latches.

Similar to the No. 15 latch listed above, but with a lip as shown on both case and strike, thus obtaining 4 concealed screws when door is locked

Case, $2 \times 3\frac{1}{4} \times \frac{5}{8}$ ins.; Bronze knob, stop and key plate; wrought brass tube;
Cast Bronze bolt; 2 Flat steel keys, 12 changes.

Operated from outside by key and from inside by knob; self-locking.

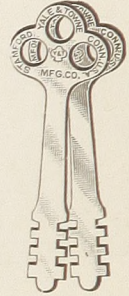
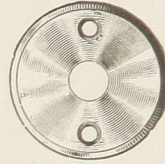
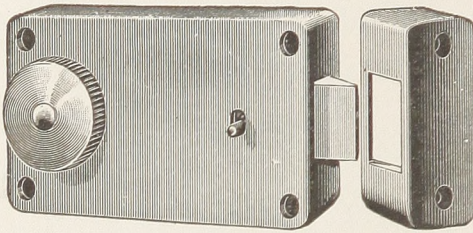
No. 015—Enameled Steel Case and Strike; for doors up to $1\frac{3}{4}$ ins. thick; dozen \$12.50

No. 015½—Enameled Steel Case and Strike; for doors up to $2\frac{1}{2}$ ins. thick “ 12.50

Packed: each in a box, with screws and key plate.



*Cuts
one-half
size.*



No. 9 Line Rim Night Latches

An inexpensive Latch with cast case; offers reasonable security

Case, $2 \times 3\frac{1}{4} \times \frac{5}{8}$ ins.; Nickel plated knob, stop and key plate; 2 Flat steel keys, 6 changes.

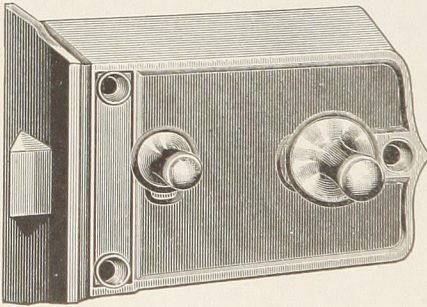
Operated from outside by key and from inside by knob; self-locking.

No. 9—Japanned Iron Case, Strike and Tube; for doors up to $1\frac{3}{4}$ ins. . . dozen \$9.40

No. 9½—Japanned Iron Case, Strike and Tube; for doors up to $2\frac{1}{2}$ ins. . . 9.40

No. 9B—Bronze Case, Strike and Tube; for doors up to $1\frac{3}{4}$ ins. . . 58.90

Packed: each in a box, with screws and key plate.



No. 248. Rim Night Latch

One of the old type of Night Latches; still popular in certain sections

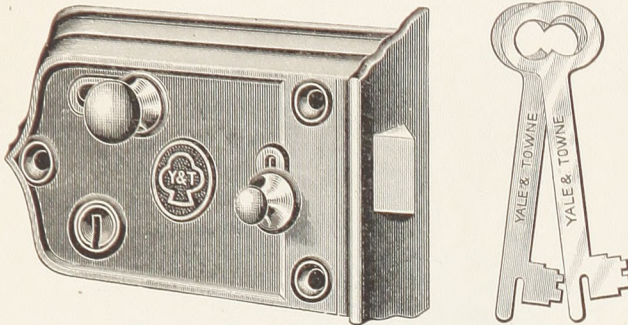
Case, $2\frac{1}{2} \times 3\frac{5}{8} \times \frac{5}{8}$ ins.; Brass stop and draw-back knobs; Iron bolt; Japanned key plate; 2 Steel keys, 8 changes.

Operated from outside by key and from inside by draw-back knob; self-locking.

No. 248—Japanned Iron Case and Strike . . . dozen \$8.35

Packed: $\frac{1}{2}$ dozen in a box, with screws and key plate.

Cuts
one-half
size.



No. 275. Rim Night Latch

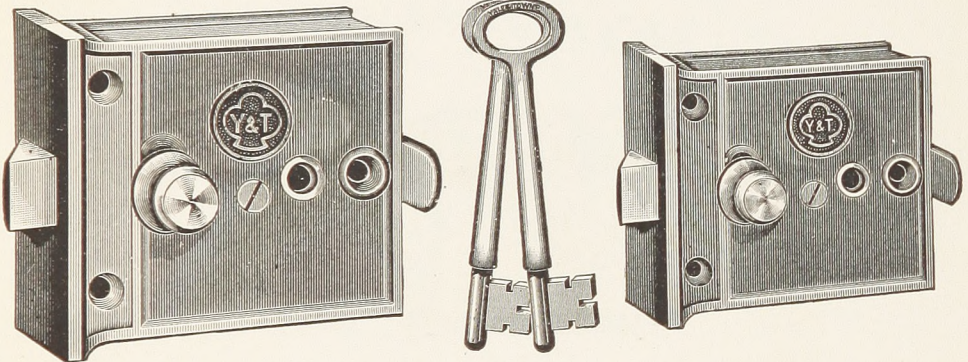
Similar in style to the No. 248 Night Latch on opposite page and, like it, still popular in certain sections

Case, $2\frac{1}{2} \times 3\frac{3}{4} \times \frac{3}{4}$ ins.; Brass stop and draw-back knobs; Iron bolt; Japanned key plate; 2 Flat steel keys, 6 changes.

Operated from outside by key and from inside by draw-back knob; self-locking.

No. 275—Japanned Iron Case and Strike dozen \$9.20 ★

Packed: $\frac{1}{2}$ dozen in a box, with screws and key plates.



No. 236

Rim Night Latches

No. 234

These were the earliest type of Rim Night Latches and there is still considerable sale for them

Case, Japanned Iron, size as below; Brass stop knob; Iron bolt and draw-back; Japanned key plate; 2 Solid steel keys, 4 changes.

Operated from outside by key and from inside by draw-back; self-locking.

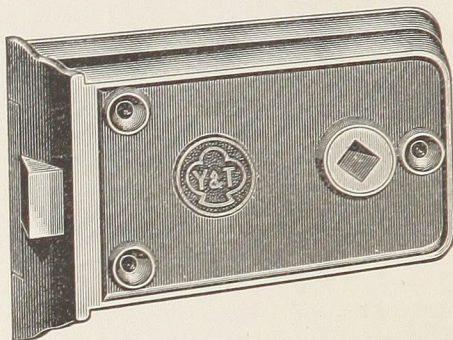
No. 236— $3 \times 3\frac{3}{4} \times \frac{7}{8}$ inches dozen \$6.70 ★

No. 234— $2\frac{1}{2} \times 3 \times \frac{7}{8}$ inches " 5.00 ★

Packed: $\frac{1}{2}$ dozen in a box, with screws and key plates.



*Cuts
one-half
size.*



No. 200. Rim Knob Latch

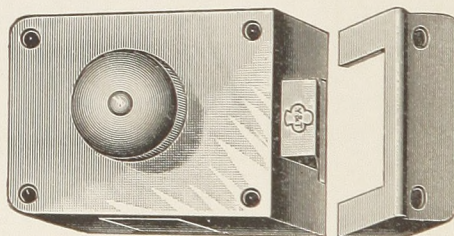
The simplest type of door fastening controlled by knob

Case, $2\frac{5}{8} \times 3\frac{3}{4} \times \frac{3}{4}$ ins.; Spindle $\frac{5}{16}$ in. Triplex; Iron bolt and hub.

Operated by knob from either side.

No. 200—Japanned Iron Case and Strike dozen \$2.50★

Packed: $\frac{1}{2}$ dozen in a box, with screws.



No. 4305 Line of Secret Rim Gate Latches

Especially designed for gates in office railings, etc.

Case, $2 \times 2\frac{1}{2}$ ins.; Bronze bolt.

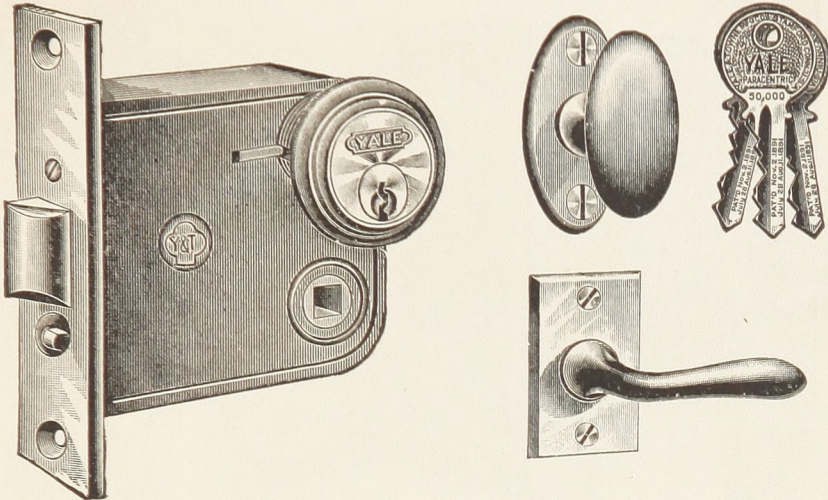
Operated by lever from bottom of case.

No. 4305—Japanned Iron Case and Strike dozen \$9.20★

No. 4310—Buffed Bronze Case and Strike “ 18.00★

Packed: $\frac{1}{2}$ dozen in a box, with screws.

Cuts
one-half
size.



No. 166 Line of Yale Mortise Night Latches

A small size of the No. 66 Mortise Night Latch shown on the following page. For thin doors only

Case, $2\frac{3}{4} \times 3 \times \frac{5}{8}$ ins.; Spindle $\frac{3}{16}$ in. Solid; Backset, $2\frac{1}{2}$ inches; Bronze bolt, front, strike, cylinder and hub; 3 Paracentric keys.

Operated from outside by key and from inside by knob or lever-handle, as below; self-locking.

For doors $1\frac{1}{4}$ to $1\frac{3}{4}$ inches thick only.

Plain Trim, Bronze Knob and Rose or Lever handle and plate, as below.

Operated from outside by key and from inside by knob.

No. 166—Japanned Iron Case, Bronze knob and rose, Buffed finish . dozen \$90.00

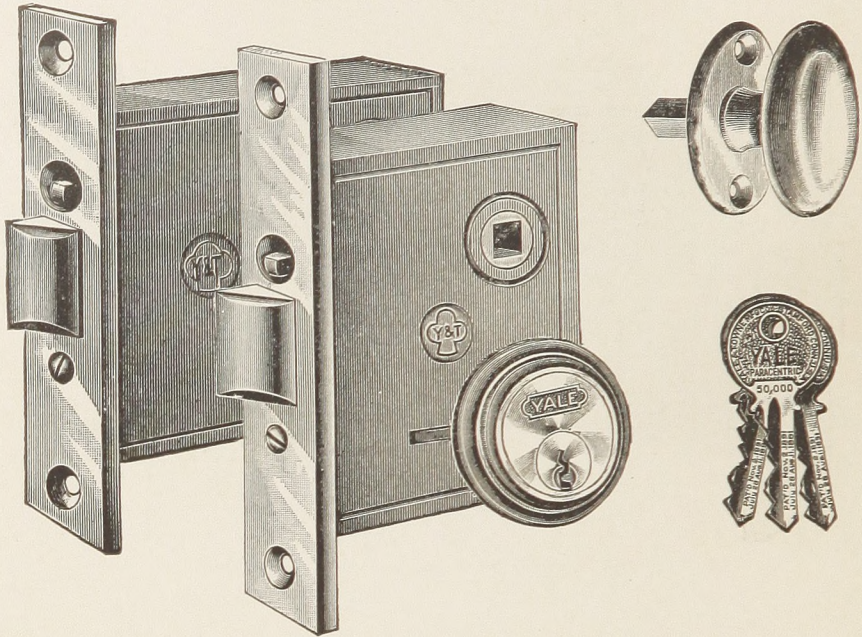
Operated from outside by key and from inside by lever handle.

No. 167—Japanned Iron Case; Bronze lever handle with Base; Buffed finish dozen \$90.00

Packed: each in a box, with trim and screws complete.



*Cuts
one-half
size.*



Nos. 66 and 66N Lines of Yale Mortise Night Latches

*The best and most popular Mortise Night Latch, corresponding in quality
to the celebrated No. 42 Rim Night Latch*

Case, Japanned Iron, size as below; Spindle $\frac{5}{16}$ in. Solid; Backset as below;

Bronze front, bolt, cylinder, hub and strike; 3 Paracentric keys.

Operated as below; self-locking.

For doors $1\frac{1}{4}$ to $2\frac{1}{8}$ inches thick.

Plain Trim, Bronze Knob and Rose, Buffed finish.

Operated from outside by key and from inside by knob.

No. 66— $3\frac{1}{4} \times 3\frac{1}{2} \times \frac{3}{4}$ ins.; Backset $2\frac{3}{4}$ ins. dozen \$90.00

No. 66N— $3\frac{1}{2} \times 2\frac{3}{4} \times \frac{3}{4}$ ins.; " 2 ins. " 90.00

Operated from both sides by key, the knob being omitted.

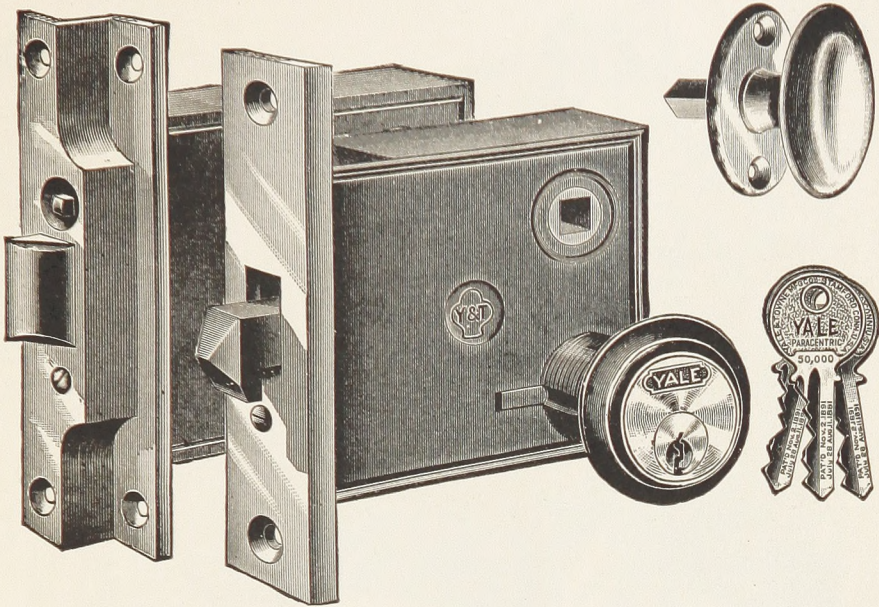
Specify thickness of door when ordering.

No. 66 $\frac{1}{4}$ — $3\frac{1}{4} \times 3\frac{1}{2} \times \frac{3}{4}$ ins.; Backset $2\frac{3}{4}$ ins. dozen \$135.00

No. 66 $\frac{1}{4}$ N— $3\frac{1}{2} \times 2\frac{3}{4} \times \frac{3}{4}$ ins.; " 2 ins. " 135.00

Packed: each in a box, with trim and screws complete.

Cuts
one-half
size.



No. 66R and 66S Lines of Yale Mortise Night Latches

Modified forms of the No. 66 Mortise Night Latch; suitable for doors with rabbeted fronts and for sliding doors

Case, $3\frac{1}{4} \times 3\frac{1}{2} \times \frac{3}{4}$ ins.; Spindle $\frac{5}{16}$ in. Solid; Backset $2\frac{3}{4}$ inches; Bronze .
front, bolt, cylinder, hub and strike; 3 Paracentric keys.

Operated as below; self-locking.

For doors $1\frac{1}{4}$ to $2\frac{1}{8}$ inches thick.

Plain Trim, Bronze Knob and Rose, Buffed finish.

Operated from outside by key and from inside by knob.

No. 66R*—Japanned Iron Case; Rabbeted front dozen \$122.50

No. 66S—Japanned Iron Case; for Sliding doors " 102.00

Operated from both sides by key, the knob being omitted.

Specify thickness of door when ordering.

No. 66 $\frac{1}{4}$ R*—Japanned Iron Case; Rabbeted front dozen \$167.50

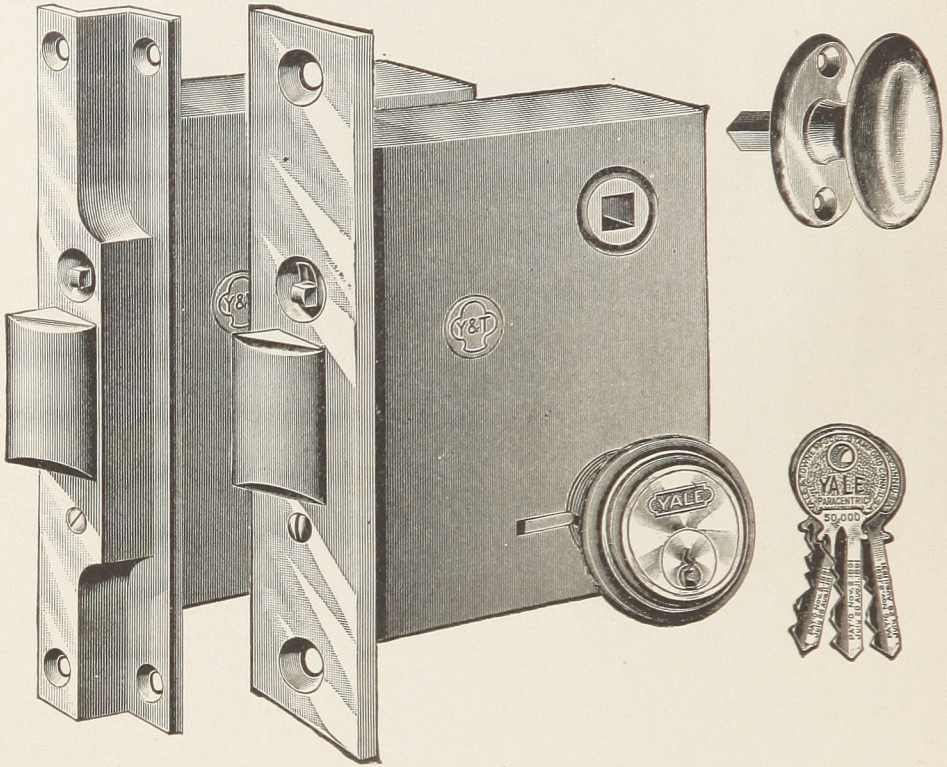
No. 66 $\frac{1}{4}$ S—Japanned Iron Case; for Sliding doors " 138.00

Packed: each in a box, with trim and screws complete.

*Not Reversible; specify hand of door when ordering.



*Cuts
one-half
size.*



Nos. 466 and 466R Lines of Yale Mortise Night Latches

A heavier and larger size of the No. 66 Mortise Night Latch shown on pages 68 and 69. For thick doors

Case, $4\frac{3}{4} \times 3\frac{3}{8} \times 1$ ins.; Spindle $\frac{5}{16}$ in. Solid; Backset, $2\frac{3}{4}$ inches; Bronze bolt, front, strike, cylinder and hub; 3 Paracentric keys.

Operated as below; self-locking.

For doors $1\frac{5}{8}$ to $2\frac{3}{4}$ inches thick.

Plain Trim, Bronze Knob and Rose, Buffed finish.

Operated from outside by key and from inside by knob.

No. 466—Japanned Iron Case; Flat front dozen \$143.75

No. 466R*—Japanned Iron Case; Rabbeted front, $\frac{1}{2}$ in. " 176.25

Operated from both sides by key, the knob being omitted.

Specify thickness of door when ordering.

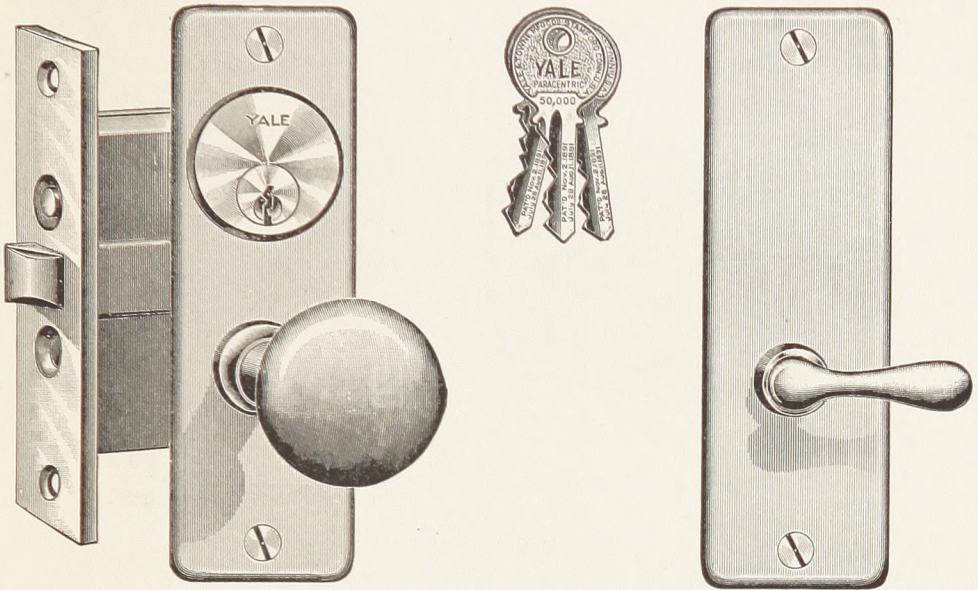
No. 466 $\frac{1}{4}$ —Japanned Iron Case; Flat front dozen \$188.75

No. 466 $\frac{1}{4}$ R*—Japanned Iron Case; Rabbeted front, $\frac{1}{2}$ in. " 221.25

Packed: each in a box, with trim and screws complete.

*Not Reversible; specify hand of door when ordering.

*Cuts
one-half
size.*



No. 866. Yale Mortise Screen Door Latch

*For Screen Doors exclusively; when so used may be operated by same key as
the Yale Cylinder Front Door Lock*

Case, 3 x 2 $\frac{3}{8}$ x $\frac{1}{2}$ ins.; Japanned Iron; Spindle $\frac{5}{16}$ in. Solid Swivel; Backset 1 $\frac{5}{8}$ ins.; Bronze bolt, front, strike, cylinder and hub; 3 Paracentric keys.

Operated from outside by knob and key and from inside by lever handle. Knob may be set by stop; self-locking.

For doors 1 to 1 $\frac{3}{4}$ inches thick.

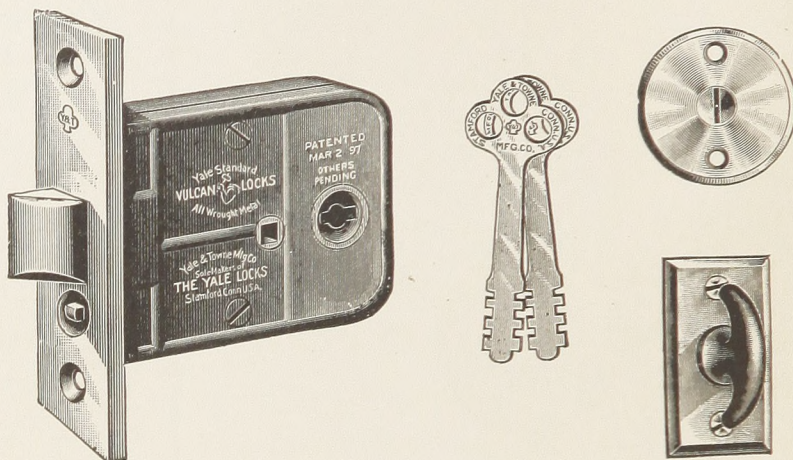
Plain Trim, Bronze knob, Lever handle and 2 Escutcheon Plates, 5 $\frac{1}{2}$ x 1 $\frac{3}{4}$ inches, Buffed finish.

No. 866—Latch with plain Bronze trim, as above. dozen sets \$57.80 ★

Packed: each in a box, with screws complete.



*Cuts
one-half
size.*



No. P2202 Line of Vulcan Mortise Night Latches

One of the best types of bit key Mortise Night Latch. All wrought metal

Case, $2\frac{1}{4} \times 3\frac{3}{8} \times \frac{5}{8}$ ins.; Spindle $\frac{1}{4}$ in. Solid; Backset, $2\frac{3}{4}$ inches; Bronze bolt, front, strike and hub; 2 Flat steel keys, 12 changes.

Operated from outside by key and from inside by thumb-piece; self-locking.

For doors up to $2\frac{1}{2}$ inches thick, as below.

Plain Trim, Bronze thumb-piece with base and key plate, Buffed finish.

No. P2202—Bronze Plated Steel Case; for doors up to $1\frac{3}{4}$ ins. thick. . dozen \$28.75

No. P2202½—Bronze Plated Steel Case; for doors up to $2\frac{1}{2}$ ins. thick . " 28.75

Packed: each in a box, with trim and screws complete.

Dead Locks

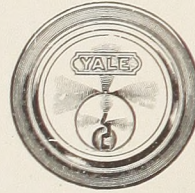
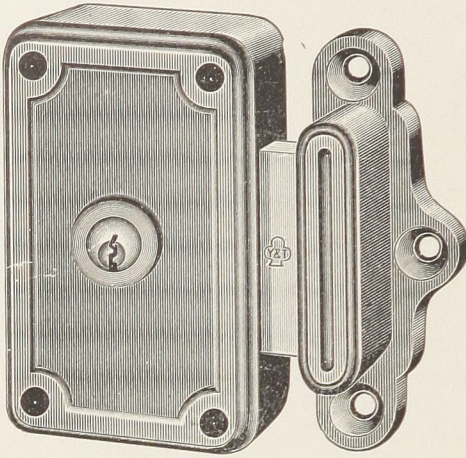
A DEAD Lock is one having a "dead" bolt, that is, a bolt moving in either direction only by the key, as distinguished from a Night Latch in which the bolt is retracted by the key, but is moved into the locked position automatically by a spring. Dead Locks should be given preference for all uses where the best security is desired, and where the use of the lock is not very frequent.

The following section contains an assortment of Rim and Mortise Dead Locks most commonly used. Most of them are of the *cylinder* type, for the reason that where a Dead Lock is used the best security is usually desired; but a few Dead Locks of the *lever-tumbler* type are also shown.

Rim Locks are apt to be preferred because easier of adjustment, but greater security against violence is afforded by a Mortise Lock of equal size. As a Rim Lock can be easily detached by means of a screw driver, it affords no security from the inside of the door, whereas a Mortise Lock cannot be removed from either side when the door is closed.



*Cuts
one-half
size.*



No. 12. Yale Rim Dead Lock

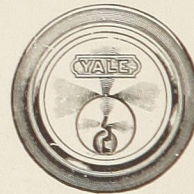
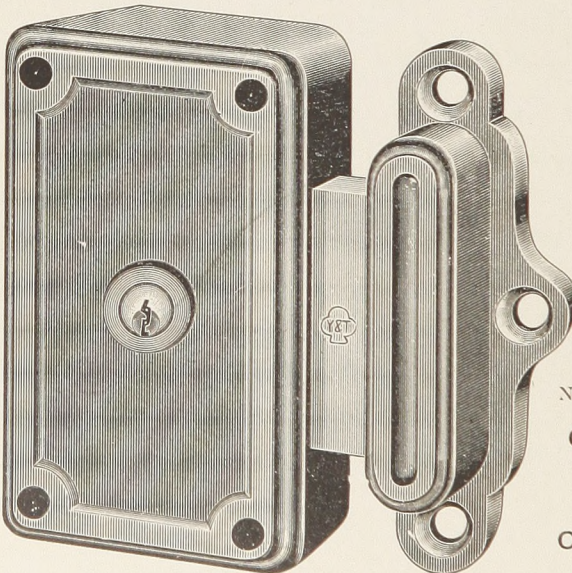
The original lock of this type. The operation from both sides by key affording great security

Case, $4 \times 2\frac{1}{2} \times 1$ ins.; Backset $1\frac{1}{4}$ ins.; Bronze bolt and cylinder; 3 Paracentric keys.

Operated by key from either side.

For doors $1\frac{1}{8}$ to 3 inches thick.

No. 12—Japanned Iron Case and Strike dozen \$90.00



No. 4 Line of Yale Rim Dead Locks

Case, $5 \times 3 \times 1\frac{1}{4}$ ins.; Backset $1\frac{1}{2}$ ins.; Bronze bolt and cylinder; 3 Paracentric keys.

Operated by key from either side.

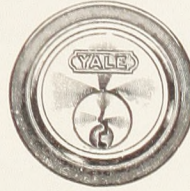
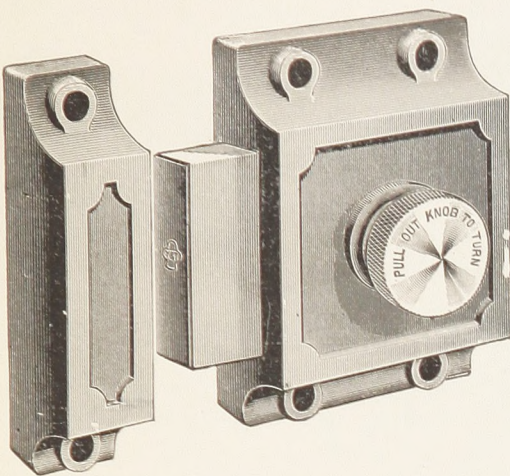
For doors $1\frac{1}{8}$ to 3 inches thick.

No. 4—Japanned Iron Case and Strike dozen \$97.50

No. 4B—Buffed Bronze Case and Strike " 150 00

Packed: each in a box, with screws.

Cuts
one-half
size.



No. 712. Yale Rim Dead Lock

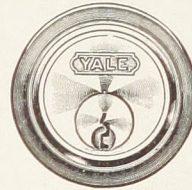
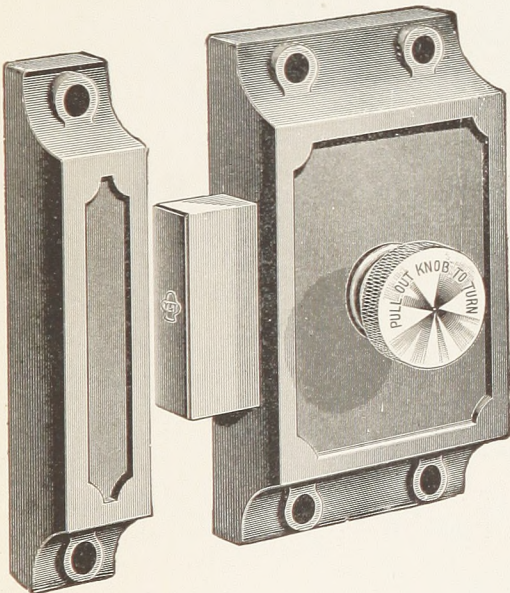
A later form of the No. 12 Rim Dead Lock. Operated by knob from inside

Case, $4 \times 2\frac{1}{2} \times 1$ ins.; Backset $1\frac{1}{4}$ ins.; Bronze bolt, cylinder and knob; 3 Paracentric keys.

Operated from outside by key and from inside by knob.

For doors $1\frac{1}{8}$ to 3 inches thick.

No. 712—Japanned Iron Case and Strike dozen \$75.00



No. 702. Yale Rim Dead Lock

Case, $5 \times 2\frac{1}{2} \times 1$ ins.; Backset $1\frac{1}{4}$ ins.; Bronze bolt, cylinder and knob; 3 Paracentric keys.

Operated from outside by key and from inside by knob.

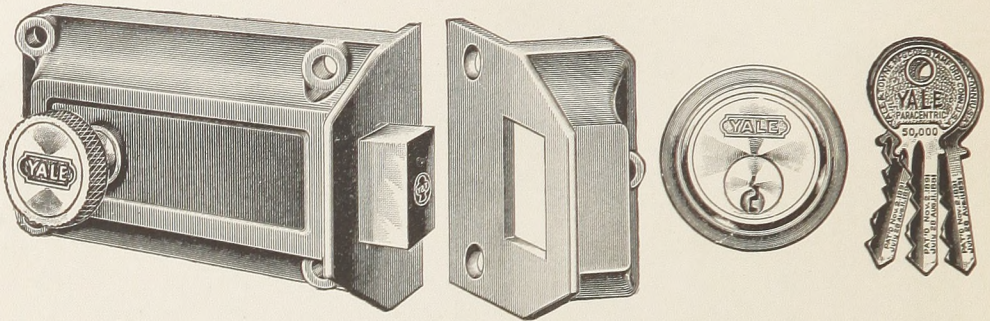
For doors $1\frac{1}{8}$ to 3 inches thick.

No. 702—Japanned Iron Case and Strike dozen \$82.50

Packed: each in a box, with screws.



*Outs
one-half
size.*



No. 32. Yale Rim Dead Lock

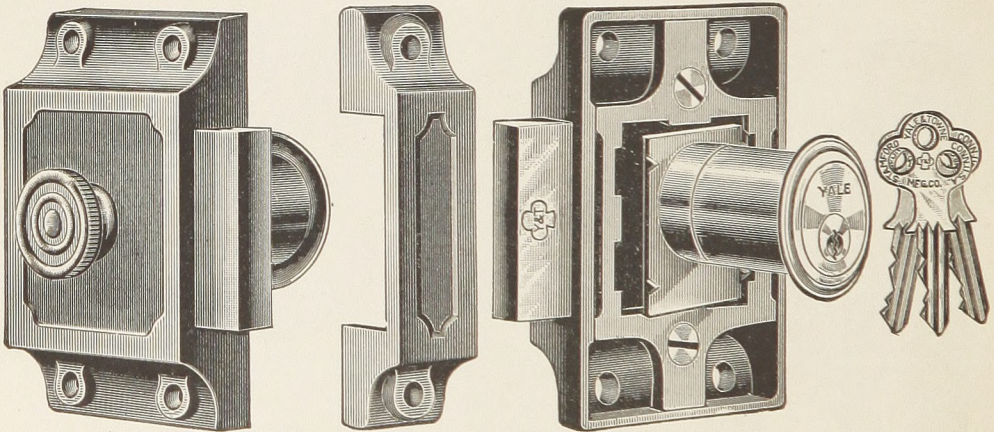
Similar to No. 042 Rim Night Latch, but requiring the use of the key in locking from outside. The dead bolt offers absolute security against tampering through crack between door and frame

Case, $2\frac{3}{8} \times 3\frac{5}{8} \times \frac{7}{8}$ ins.; **Backset** $2\frac{3}{8}$ ins.; **Bronze bolt, cylinder and knob;** 3 Paracentric keys.

Operated from outside by key and from inside by knob.

For doors 1 to $2\frac{1}{2}$ inches thick.

No. 32—Japanned Iron Case and Strike dozen \$65.00



No. 722 Line of Yale Rim Dead Locks

A popular lock with Pin-Tumbler mechanism; easy of application

Case, $4 \times 2\frac{1}{2} \times 1$ ins.; **Backset,** $1\frac{1}{4}$ ins.; **Bronze bolt and knob;** Bronze plated Steel tube; 3 Corrugated keys.

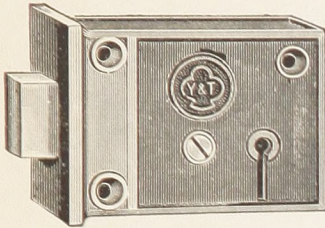
Operated from outside by key and from inside by knob.

No. 722—Japanned Iron Case and Strike; for doors up to $1\frac{1}{2}$ ins. . . dozen \$65.00

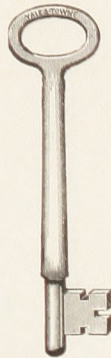
No. 722½—Japanned Iron Case and Strike; for doors $1\frac{3}{4}$ to $2\frac{1}{4}$ ins. 65.00

Packed: each in a box, with screws.

*Cuts
one-half
size.*



No. 358. Rim Dead Lock

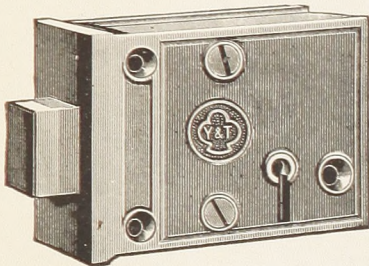


For Closet and other light doors

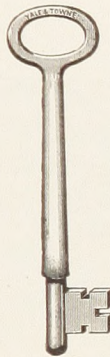
Case, $2 \times 2\frac{3}{4} \times \frac{3}{4}$ ins.; Backset, $2\frac{1}{8}$ ins.; Iron bolt; Japanned key plate; 1 Tinned Malleable Iron key; 4 changes.

Operated by key from either side.

No. 358—Japanned Iron Case and Strike dozen \$2.60★



No. 0369 $\frac{3}{4}$. Rim Dead Lock

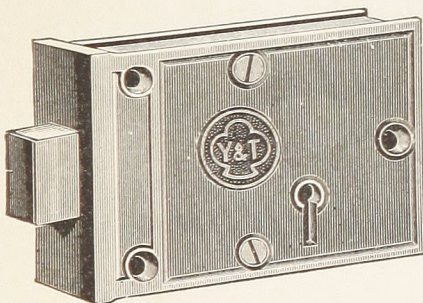


For ordinary doors

Case, $2\frac{1}{4} \times 3 \times \frac{3}{4}$ ins.; Backset, 2 ins.; Iron bolt; Japanned key plate; 1 Tinned Malleable Iron key, 4 changes.

Operated by key from either side.

No. 0369 $\frac{3}{4}$ —Japanned Iron Case and Strike dozen \$3.30★



No. 0373 $\frac{3}{4}$. Rim Dead Lock



For ordinary doors

Case, $2\frac{1}{2} \times 3\frac{5}{8} \times \frac{3}{4}$ ins.; Backset, $2\frac{1}{4}$ ins.; Iron bolt; Japanned key plate; 1 Tinned Malleable Iron key, 4 changes.

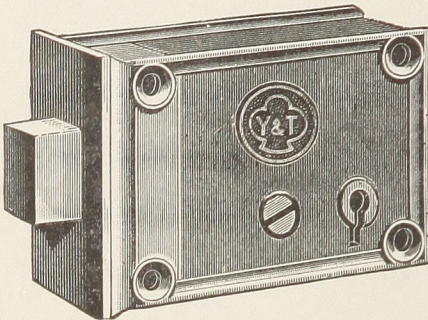
Operated by key from either side.

No. 0373 $\frac{3}{4}$ —Japanned Iron Case and Strike dozen \$3.90★

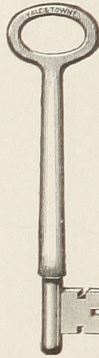
Packed : $\frac{1}{2}$ dozen in a box, with screws and key plates.



*Cuts
one-half
size*



No. 4300. Rim Dead Lock



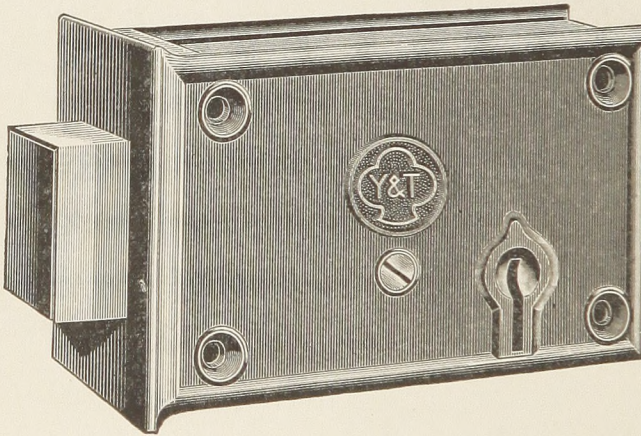
A high grade lever-tumbler lock; the best of its type. Can be furnished to special order in large quantities, all different and master-keyed

Case, $2\frac{1}{2} \times 3\frac{3}{8} \times 7\frac{1}{8}$ ins.; Backset, $2\frac{5}{8}$ ins.; Bronze bolt; Japanned key plate; 1 Solid steel key, 36 changes.

Operated by key from either side.

No. 4300—Japanned Iron Case and Strike. 3 Tumblers . . . dozen \$9.70 ★

Packed: $\frac{1}{2}$ dozen in a box, with screws and key plates.



No. 0334. Rim Store Door Dead Lock



A heavy lock for exterior doors. The folding key is convenient for carrying

Case and Strike Japanned Iron, size as below; Iron bolt; Japanned key plate; 2 Folding nickel plated steel keys, 24 changes.

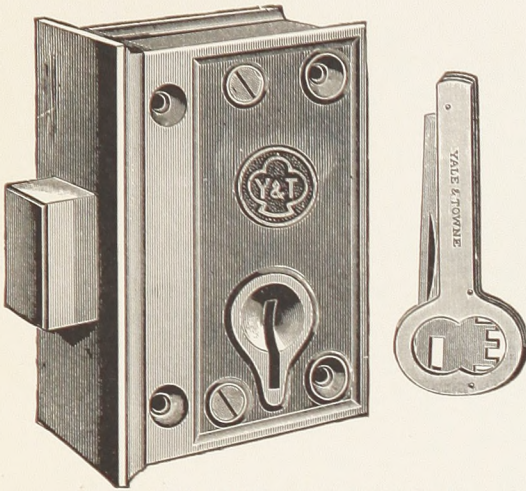
Operated by key from either side.

No. 0334— $4 \times 6 \times 1$ ins.; Backset $3\frac{3}{4}$ ins.; 3 Tumblers . . . dozen \$27.00 ★

No. 0341— $5 \times 8 \times 1\frac{1}{4}$ ins.; " $3\frac{1}{8}$ " " . . . " 43.00 ★

Packed: each in a box, with screws and key plates.

*Cuts
one-half
size.*



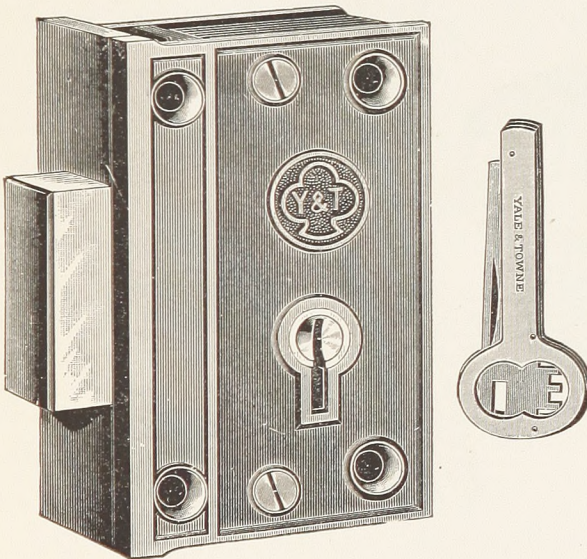
No. 1102. Rim Dead Lock

The earliest type of Store Door Lock; still popular in certain sections

Case, $4 \times 2\frac{1}{2} \times \frac{7}{8}$ ins.; Backset, $1\frac{3}{8}$ ins.; Iron bolt; Japanned key plate; 2 Folding steel keys, 12 changes.

Operated by key from either side.

No. 1102—Japanned Iron Case and Strike dozen \$14.00 ★



No. 1145. Rim Dead Lock

A larger size of the No. 1102 Rim Dead Lock. Carried in stock by hardware dealers generally.

Case, $5 \times 3 \times 1$ ins.; Backset, 2 ins.; Iron bolt; Japanned key plate; 2 Folding steel keys, 12 changes.

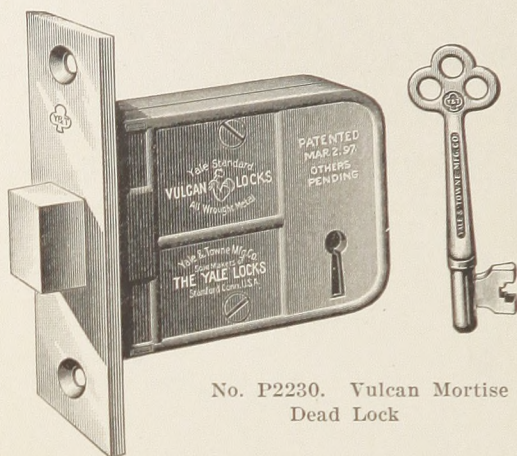
Operated by key from either side.

No. 1145—Japanned Iron Case and Strike dozen \$15.00 ★

Packed: each in a box, with screws and key plate.



*Cuts
one-half
size.*



One of the best types of bit key Mortise Dead Locks. All wrought Metal

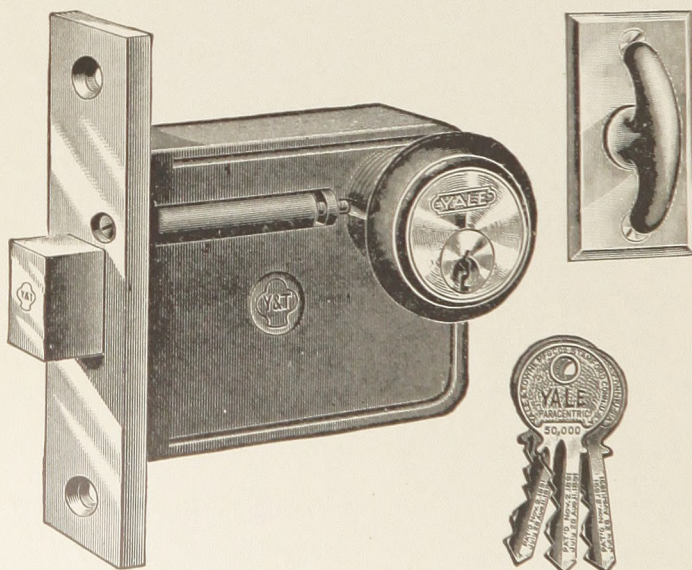
Case, $2\frac{1}{4} \times 3\frac{3}{8} \times \frac{5}{8}$ ins.; Backset, $2\frac{3}{4}$ ins.; Bronze front, bolt, strike and key plate; 1 Solid steel key, 36 changes.

Operated by key from either side.

No. P2230. Vulcan Mortise Dead Lock

No. P2230—Bronze Plated Steel Case and Strike. 3 Tumblers . . dozen \$18.00 ★

Packed: $\frac{1}{2}$ dozen in a box, with screws and key plates.



No. 348 Line of Yale Mortise Dead Locks

A larger size of the No. 344 Dead Lock illustrated on opposite page

Case, $3 \times 3\frac{5}{8} \times \frac{3}{4}$ ins.; Japanned Iron; Bronze front, bolt, strike and cylinder; 3 Paracentric keys.

Operated as below.

For doors $1\frac{3}{8}$ to $1\frac{7}{8}$ inches thick.

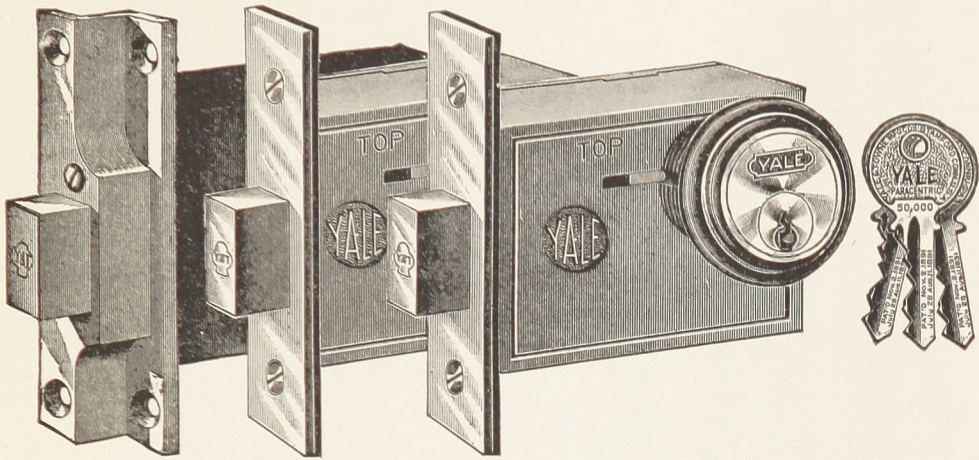
Plain Trim, Bronze Thumb-piece with base, buffed finish.

No. 348—Operated by key from outside and by thumb-piece from inside . . dozen \$112.50

No. 348 $\frac{1}{4}$ —Operated by key from either side " 127.50

Packed: each in a box, with trim and screws complete. .

Cuts
one-half
size.



Nos. 344, 344N and 344R Lines of Yale Mortise Dead Locks

Similar to the No. 66 line of Rim Night Latches, but requiring the use of the key in locking from outside. The dead bolt offers absolute security against tampering through crack between door and frame

Case, Japanned Iron, size as below; Backset, as below; Bronze front, bolt, cylinder and strike; 3 Paracentric keys.

Operated as below.

For doors $1\frac{1}{4}$ to $2\frac{1}{8}$ inches thick.

Operated by key from one side only.

No. 344— $2\frac{3}{8} \times 3\frac{5}{8} \times \frac{3}{4}$ ins.; Backset $2\frac{3}{4}$ ins.	dozen	\$82.50
No. 344N— $2\frac{3}{8} \times 3\frac{1}{8} \times \frac{3}{4}$ ins. “ $2\frac{1}{4}$ ins.	“	82.50
No. 344R*— $2\frac{3}{8} \times 3\frac{5}{8} \times \frac{3}{4}$ ins. “ $2\frac{3}{4}$ ins.; Rabbet, $\frac{1}{2}$ in.	“	115.00

Operated from both sides by key.

Specify thickness of door when ordering

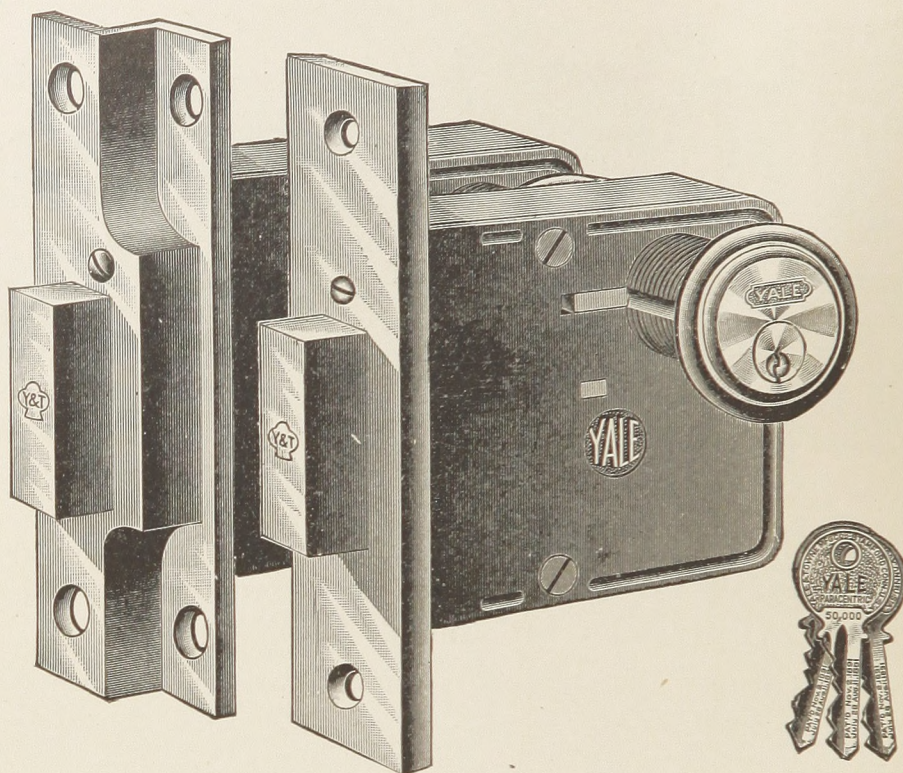
No. 344 $\frac{1}{4}$ — $2\frac{3}{8} \times 3\frac{5}{8} \times \frac{3}{4}$ ins.; Backset $2\frac{3}{4}$ ins.	dozen	\$127.50
No. 344 $\frac{1}{4}$ N— $2\frac{3}{8} \times 3\frac{1}{8} \times \frac{3}{4}$ ins. “ $2\frac{1}{4}$ ins.	“	127.50
No. 344 $\frac{1}{4}$ R*— $2\frac{3}{8} \times 3\frac{5}{8} \times \frac{3}{4}$ ins. “ $2\frac{3}{4}$ ins.; Rabbet, $\frac{1}{2}$ in.	“	160.00

Packed: each in a box, with screws.

*Not Reversible; specify hand of door when ordering.



*Cuts
one-half
size.*



Nos. 304 and 304R Lines of Yale Mortise Dead Locks

A heavier and larger size of the No. 344 Dead Lock illustrated on previous page

Case, $3\frac{3}{4} \times 3\frac{7}{8} \times 1\frac{1}{8}$ ins.; Backset $2\frac{3}{4}$ inches; Bronze front, bolt, cylinder and strike; 3 Paracentric keys.

Operated as below.

For doors $1\frac{3}{4}$ to 3 inches thick.

Operated by key from one side only.

No. 304—Japanned Iron Case; Flat front	dozen	\$90.00
No. 304R*—Japanned Iron Case; Rabbeted front, $\frac{1}{2}$ inch	"	122.50

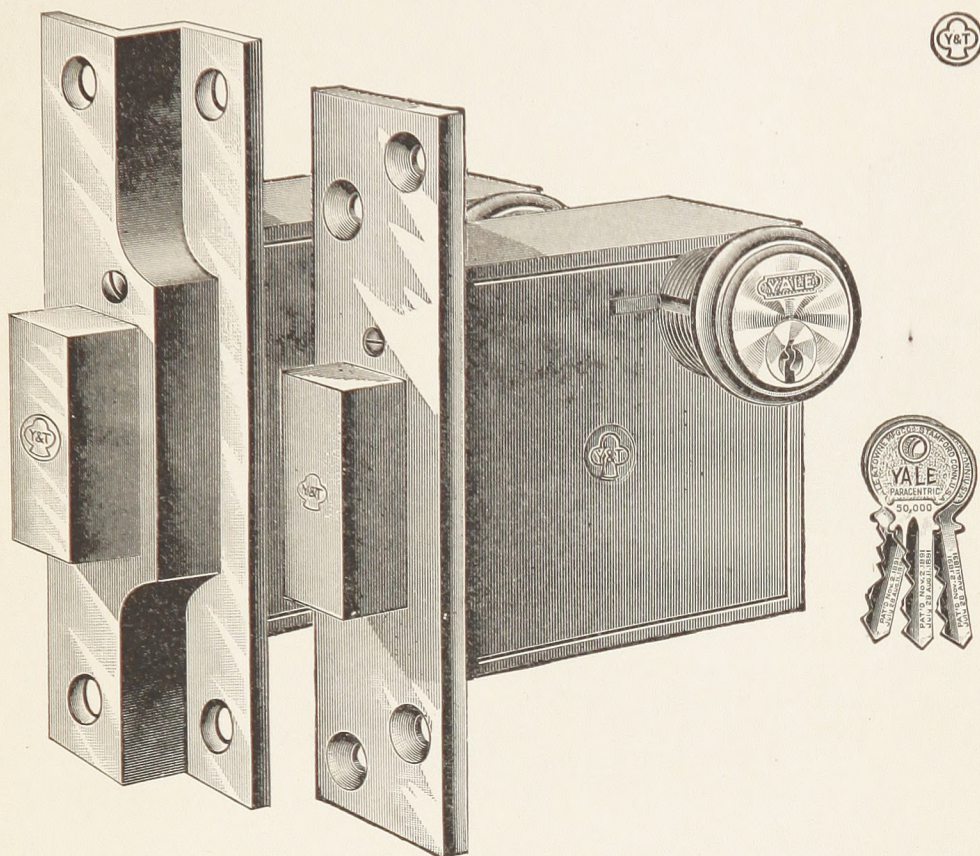
Operated from both sides by key.

Specify thickness of door when ordering

No. 304 $\frac{1}{4}$ —Japanned Iron Case; Flat front	dozen	\$135.00
No. 304 $\frac{1}{4}$ R*—Japanned Iron Case; Rabbeted front, $\frac{1}{2}$ inch	"	167.50

Packed: each in a box, with screws.

*Not Reversible; specify hand of door when ordering.



Nos. 318 and 318R Lines of Yale Mortise Dead Locks

A still heavier and larger size of the No. 344 Mortise Dead Lock. Especially designed for penal institutions

Case, $4 \times 3\frac{7}{8} \times 1\frac{1}{4}$ ins.; Backset, $2\frac{3}{4}$ ins.; Bronze front, bolt, cylinder and strike;
3 Paracentric keys.

Operated as below.

For doors 2 to $2\frac{3}{4}$ inches thick.

Operated by key from one side only.

No. 318—Japanned Iron Case; Flat front	dozen \$120.00
No. 318R*—Japanned Iron Case; Rabbeted front, $\frac{1}{2}$ in.	" 152.50

Operated from both sides by key.

Specify thickness of door when ordering.

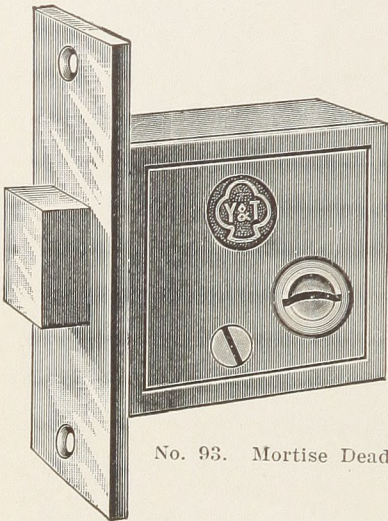
No. 318 $\frac{1}{4}$ —Japanned Iron Case; Flat front	dozen \$165.00
No. 318 $\frac{1}{4}$ R*—Japanned Iron Case; Rabbeted front, $\frac{1}{2}$ in.	" 197.50

Packed: each in a box, with screws.

*Not Reversible; specify hand of door when ordering.



*Cuts
one-half
size.*



No. 93. Mortise Dead Lock



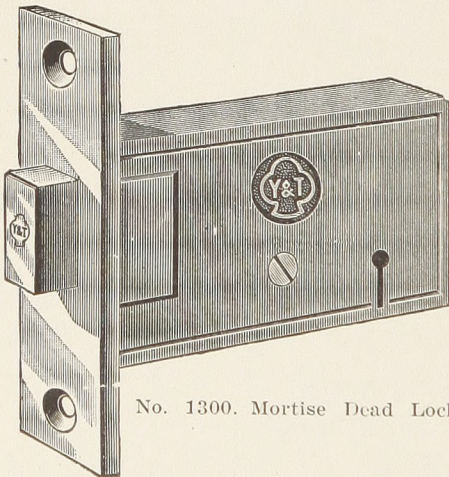
*The earliest type of Mortise Store
Door Lock*

Case, $2\frac{3}{8} \times 3 \times \frac{3}{4}$ ins.; Backset, $2\frac{1}{8}$ ins.; Brass front, bolt, strike and key plate; 2 Flat steel keys, 24 changes.

Operated by key from either side.

No. 93—Japanned Iron Case; 3 Tumblers dozen \$40.00 ★

Packed: each in a box, with screws and key plate.



No. 1300. Mortise Dead Lock



*A high grade bit key Mortise
Dead Lock*

Case, $2\frac{1}{8} \times 3\frac{1}{2} \times \frac{5}{8}$ ins.; Backset, $2\frac{3}{4}$ ins.; Bronze front, bolt, strike and key plate; 1 Solid steel key, 54 changes.

Operated by key from either side.

No. 1300—Japanned Iron Case; 3 Tumblers dozen \$23.00 ★

Packed: $\frac{1}{2}$ dozen in a box, with screws and key plates.

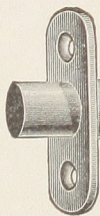
Builders' Hardware

WHILE this catalogue contains an assortment of Locks which embraces nearly all the types and kinds which are in most active demand, its limits forbid an attempt to include an equally comprehensive selection of our general line of Builders' Hardware, which is one of the most varied and extensive in the world. The following pages, however, present a few examples of plain hardware, covering some of the articles most commonly called for, or most likely to be needed in connection with the other goods contained herein.

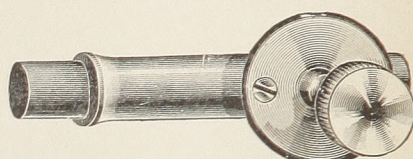
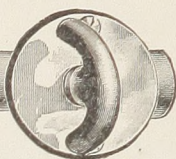
Our complete line of Builders' Hardware, both plain and ornamental, can only be fully presented by means of our general Trade Catalogue, a large folio volume of over one thousand pages, designed for use chiefly by jobbers and other large distributors. We shall always respond promptly, however, to requests for fuller information concerning any of our numerous products, many of which are effectively shown by the special folders which we issue.



*Cuts
one-half
size.*



No. 95



No. 2096

Mortise Door Bolts

Bronze and Iron

Backset, 2 ins.; Diameter of bolt, $\frac{1}{2}$ in.; Front, Nos. 95 and 96, $2 \times \frac{7}{8}$ ins., Nos. 2095 and 2096, $\frac{3}{4}$ inch.

No. 95—Crescent Thumb-Knob; Bronze Metal, Buffed finish	dozen	\$7.60
“ “ “ “ Old Copper “	“	8.60
96—Round Knob; Bronze Metal, Buffed finish	“	7.60
“ “ “ “ Old Copper “	“	8.60
2095—Crescent Thumb-Knob; Iron, Bronze Plated	“	5.85
“ “ “ “ Old Copper finish	“	6.30
2096—Round Knob; Iron, Bronze Plated	“	5.85
“ “ “ “ Old Copper finish	“	6.30

Packed: 1 dozen in a box, with screws.

Chain and Foot Bolts

Bronze and Iron

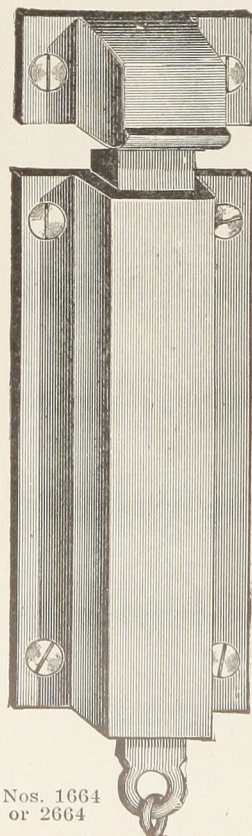
Chain Bolts

	Dozen
No. 1664—6 in. Bronze, buffed	\$22.00
“ “ Old Copper	25.00
1665—8 in. Bronze, buffed	30.00
“ “ Old Copper	33.00
2664—6 in. Iron, Bronze	
Plated	11.00
“ “ Old Copper	13.00
2665—8 in. Iron, Bronze	
Plated	12.60
“ “ Old Copper	14.60

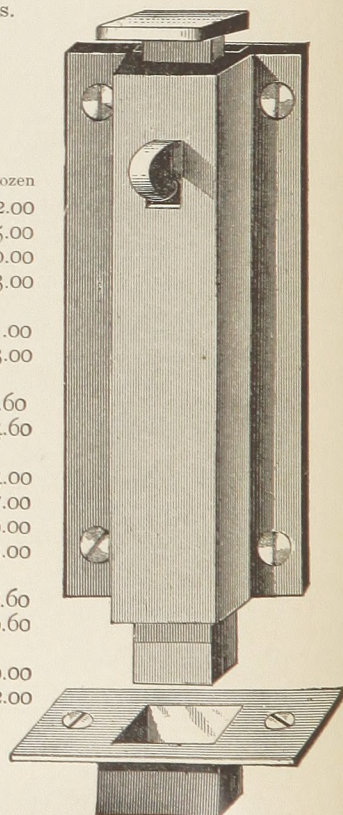
Foot Bolts

No. 1674—6 in. Bronze, buffed	\$24.00
“ “ Old Copper	27.00
1675—8 in. Bronze, buffed	30.00
“ “ Old Copper	33.00
2674—6 in. Iron, Bronze	
Plated	8.60
“ “ Old Copper	10.60
2675—8 in. Iron, Bronze	
Plated	10.00
“ “ Old Copper	12.00

Packed: $\frac{1}{2}$ dozen in a box,
with screws.

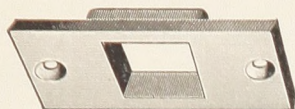
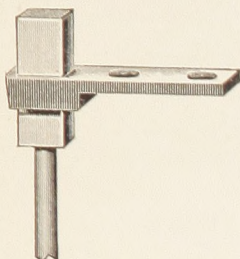


Nos. 1664
or 2664



Nos. 1674 or 2674

Cuts
one-half
size.



Extension Bolts

Bronze and Iron

Price includes any size rod up to 24 inch;
25 to 36 inch rods, add \$.20 list; over
36 inch rods, add \$.40 list

With Knob

Plate, $5\frac{1}{2} \times 1\frac{3}{8}$ inches.

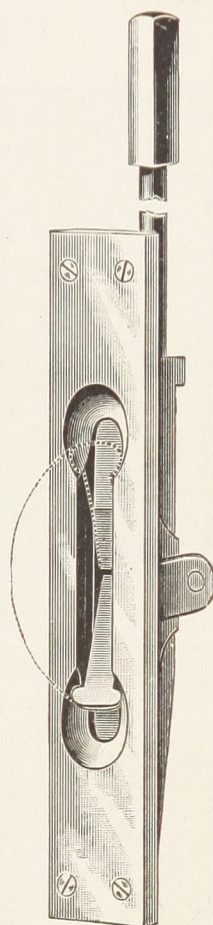
	Each
No. 81—Bronze Metal, Buffed . . .	\$2.20
“ “ Old Copper . . .	2.40
2081—Iron, Bronze Plated . . .	1.20
“ Old Copper . . .	1.40

With Lever

Plate, $6\frac{5}{8} \times 1\frac{1}{4}$ inches.

	Each
No. 383—Bronze Metal, Buffed . . .	\$3.00
“ “ Old Copper . . .	3.20
2383—Iron, Bronze Plated . . .	1.80
“ Old Copper . . .	2.00

Packed: $\frac{1}{2}$ dozen in a box, with guides, strikes
and screws; Rods, $\frac{1}{2}$ dozen in a bundle,
separately.



No. 383

Chain Door Fasteners

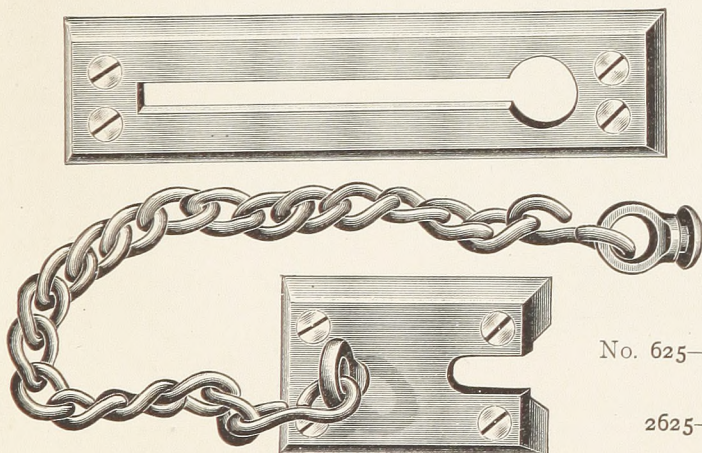
Bronze and Iron

Case, $1\frac{3}{8} \times 5\frac{3}{4}$ ins.

□ Strike, $2 \times 1\frac{3}{8}$ ins.

Chain, 9 ins.

	Dozen
No. 625—Bronze, Buffed . . .	\$21.00
“ Old Copper . . .	23.40
2625—Iron, Bronze Pl't'd . . .	\$9.00
“ Old Copper . . .	9.80

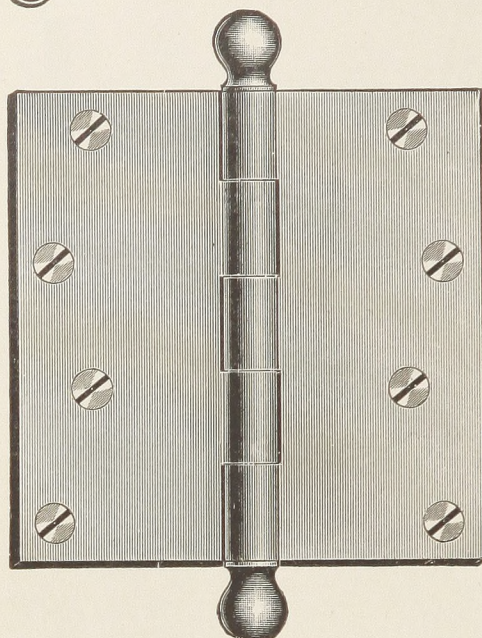


Nos. 625 and 2625

Packed: $\frac{1}{2}$ dozen in a box, with screws.



*Cuts
one-half
size.*



No. 47. $4\frac{1}{2} \times 4\frac{1}{2}$ ins.

Loose Pin Butts

Cast Bronze

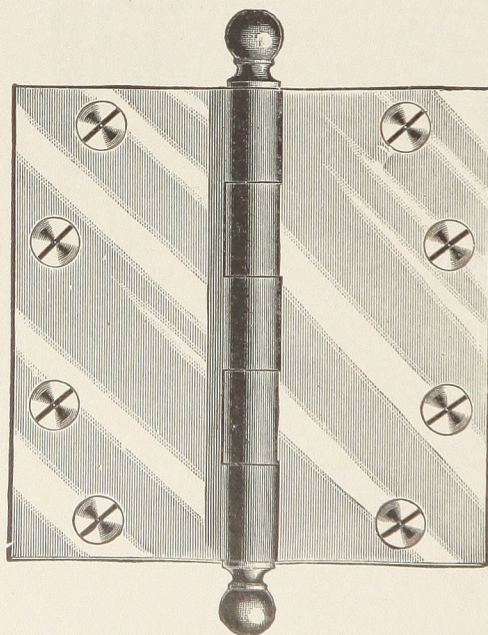
No. 47

	Pair
$2\frac{1}{2} \times 2\frac{1}{2}$ ins.—Buffed Bronze finish	\$ 1.50
Old Copper	" 1.60
3 x 3 ins.—Buffed Bronze	" 2.20
Old Copper	" 2.30
$3\frac{1}{2} \times 3\frac{1}{2}$ ins.—Buffed Bronze	" 2.35
Old Copper	" 2.50
4 x 4 ins.—Buffed Bronze	" 2.85
Old Copper	" 3.00
$4\frac{1}{2} \times 4\frac{1}{2}$ ins.—Buffed Bronze	" 3.35
Old Copper	" 3.50
5 x 5 ins.—Buffed Bronze	" 4.00
Old Copper	" 4.20

No. 780

Cast Bronze

Steel bushed, self-lubricating, with
"Holdfast" pins, except sizes un-
der $3\frac{1}{2} \times 3\frac{1}{2}$ inches.

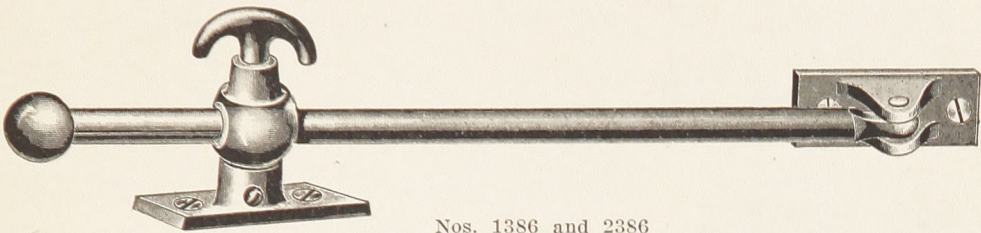


No. 780. $4\frac{1}{2} \times 4\frac{1}{2}$ ins.

	Pair
2 x 2 ins.—Buffed Bronze finish	\$ 1.50
Old Copper	" 1.60
$2\frac{1}{2} \times 2\frac{1}{2}$ ins.—Buffed Bronze	" 2.00
Old Copper	" 2.10
3 x 3 ins.—Buffed Bronze	" 2.70
Old Copper	" 2.80
$3\frac{1}{2} \times 3\frac{1}{2}$ ins.—Buffed Bronze	" 3.20
Old Copper	" 3.35
4 x 4 ins.—Buffed Bronze	" 3.85
Old Copper	" 4.00
$4\frac{1}{2} \times 4\frac{1}{2}$ ins.—Buffed Bronze	" 4.50
Old Copper	" 4.65
5 x 5 ins.—Buffed Bronze	" 5.00
Old Copper	" 5.20
$5\frac{1}{2} \times 5\frac{1}{2}$ ins.—Buffed Bronze	" 6.70
Old Copper	" 6.90
6 x 6 ins.—Buffed Bronze	" 8.35
Old Copper	" 8.55

Packed: $2\frac{1}{2}$ ins. and under, $\frac{1}{2}$ dozen pairs in a box; 3 ins. and over, 1 pair in a box,
with screws.

Cuts
one-half
size.



Nos. 1386 and 2386

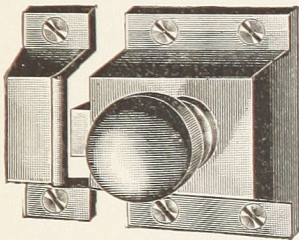
Casement Adjusters

Bronze and Iron

Diameter of rod, $\frac{3}{8}$ in.; Standard Plate, $2\frac{1}{4} \times \frac{7}{8}$ ins.; Height, $\frac{3}{4}$ in.

		Length of Rod	10 in.	12 in.
No. 1386—Bronze Metal, Buffed finish		dozen	\$24.00	\$26.40
“ “ Old Copper “		“	26.00	28.40
2386—Iron, Bronze Plated		“	9.20	10.40
“ Old Copper finish		“	9.60	10.80

Packed: 1 dozen in a box, with screws.



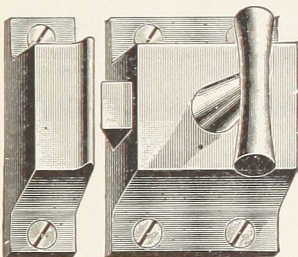
Nos. 502 and 2502

Cupboard Turns

Bronze and Iron

With Round Knob: Case, $1\frac{3}{4} \times 1\frac{3}{4}$ ins.

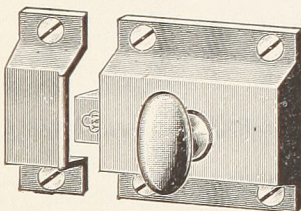
No. 502—Bronze Metal, Buffed finish	dozen	\$8.00
“ “ Old Copper “	“	9.00
2502—Iron, Bronze Plated	“	5.00
“ Old Copper finish	“	5.60



Nos. 503 and 2503

With T-handle: Case, $1\frac{3}{4} \times 1\frac{3}{4}$ ins.

No. 503—Bronze Metal, Buffed finish	dozen	\$8.00
“ “ Old Copper “	“	9.00
2503—Iron, Bronze Plated	“	5.00
“ Old Copper finish	“	5.60



Nos. 502½ and 2502½

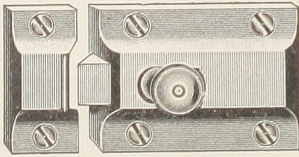
With Oval Knob: Case, $1\frac{3}{4} \times 1\frac{3}{4}$ ins.

No. 502½—Bronze Metal, Buffed finish	dozen	\$8.00
“ “ Old Copper “	“	9.00
2502½—Iron, Bronze Plated	“	5.00
“ Old Copper finish	“	5.60

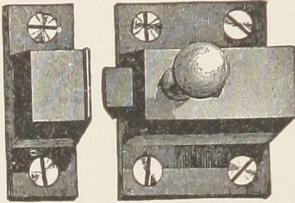
Packed: 1 dozen in a box, with screws.



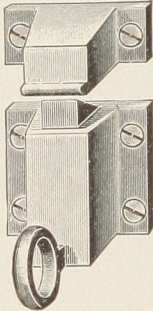
*Cuts
one-half
size.*



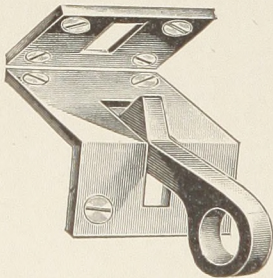
Nos. 512 and 2512



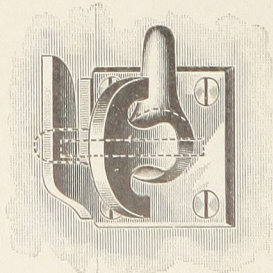
Nos. 510 and 2510



Nos. 605 and 2605



Nos. 1184 and 2184



No. 1069

Cupboard Catches

Bronze and Iron

$1\frac{1}{2} \times 1\frac{3}{4}$ inches.

No. 512—	Bronze Metal, Buffed finish	dozen	\$6.40
	“ “ Old Copper “	“	7.20
2512—	Iron, Bronze Plated . . .	gross	28.00
	“ Old Copper finish . . .	“	32.00

Packed: 1 dozen in a box, with screws.

French Window Catches

Bronze and Iron

$1\frac{7}{8} \times 1\frac{1}{2}$ inches.

No. 510—	Bronze Metal, Buffed finish	dozen	\$5.50
	“ “ Old Copper “	“	6.30
2510—	Iron, Bronze Plated . . .	“	2.50
	“ Old Copper finish . . .	“	2.90

Packed: 1 dozen in a box, with screws.

Transom Catches

Bronze and Iron

If furnished with Mortise Strike, specify recess

$1\frac{3}{8} \times 1\frac{1}{4}$ inches.

No. 605—	Bronze Metal, Buffed finish	dozen	\$5.85
	“ “ Old Copper “	“	6.85
2605—	Iron, Bronze Plated . . .	“	3.00
	“ Old Copper finish . . .	“	3.60

Front plate $\frac{7}{8} \times 1\frac{1}{2}$ ins.; Selvedge, $1\frac{3}{8} \times 1\frac{1}{2}$ ins.

No. 1184—	Bronze Metal, Buffed finish	dozen	\$8.00
	“ “ Old Copper “	“	9.00
2184—	Iron, Bronze Plated . . .	“	3.60
	“ Old Copper finish . . .	“	4.20

Packed: 1 dozen in a box, with screws.

Rim Turnbuckles

Bronze and Iron

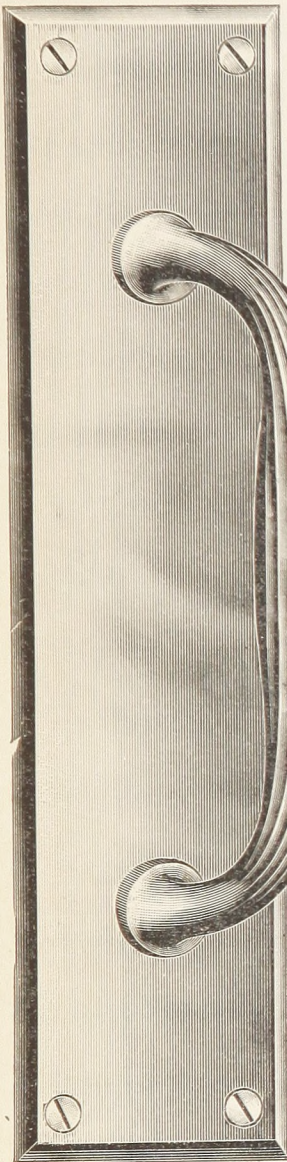
Furnished with Flush Strike, if so ordered, at same price

$1\frac{5}{8} \times 1\frac{1}{2}$ inches.

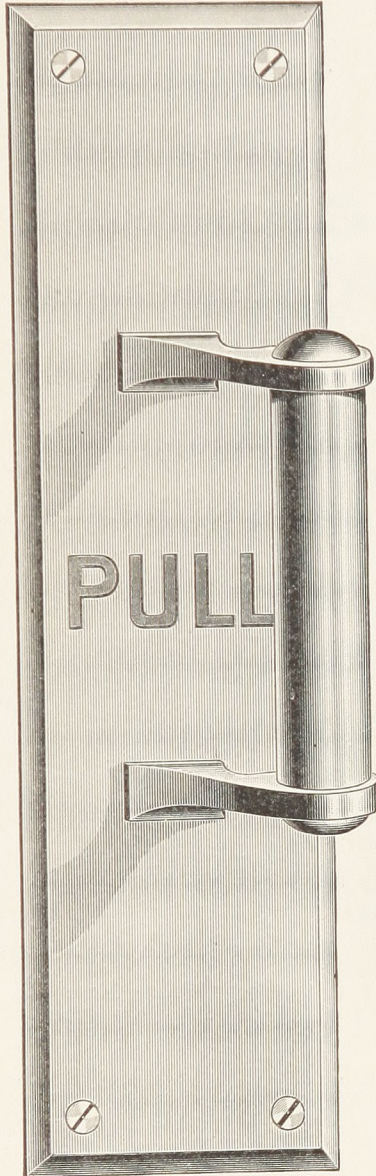
No. 1069—	Bronze Metal, Buffed finish	dozen	\$10.00
	“ “ Old Copper “	“	11.00
2069—	Iron, Bronze Plated . . .	“	6.00
	“ Old Copper finish . . .	“	6.60

Packed: 1 dozen in a box, with screws.

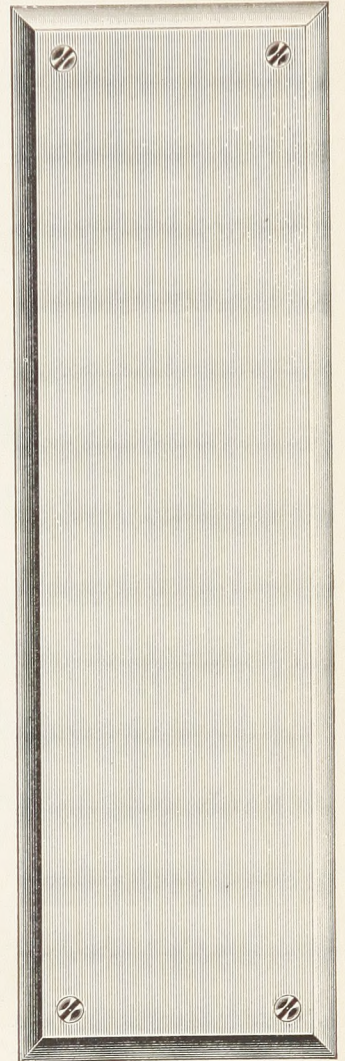
Cuts
one-half
size.



No. 42½



No. 1740



No. 1730. 10 x 3 ins.

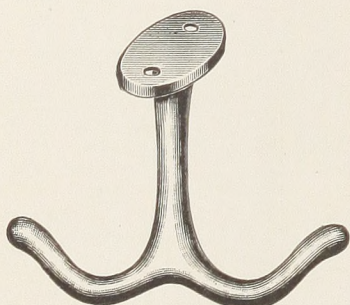
Plain Bronze Door Trim

			dozen	Buffed Bronze	Old Copper Finish
Door Pull No. 42½—11 x 2 5/8 ins.				\$62.45	\$64.45
1740—11 x 3 "			"	65.35	67.35
Push Plate No. 1730—10 x 3 "			"	21.00	23.00
12 x 3 "			"	25.20	27.20
14 x 3 1/2 "			"	39.20	41.60

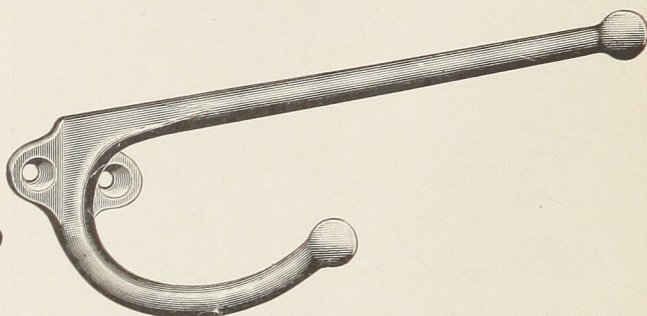
Packed: Nos. 42½ and 1740, each in a box; No. 1730, two in a box, with screws.



*Cuts
one-half
size.*



Nos. 713 and 2713



No. 1606

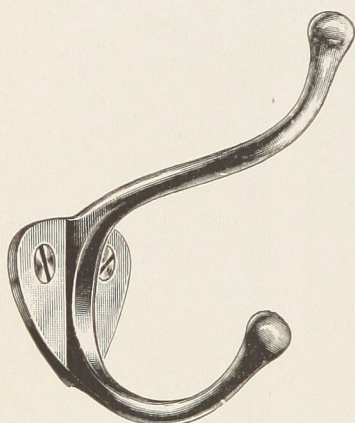
Ceiling Hooks

Bronze and Iron

Length, $2\frac{3}{8}$ inches.

No. 713—Bronze Metal, Buffed finish	doz.	\$4.20
“ “ Old Copper “	“	4.60
2713—Iron (unpolished) Bronze Pltd	“	1.20
“ “ Old Copper finish	“	1.40

For polished Hooks add \$.60 per dozen.



Nos. 413 and 2413

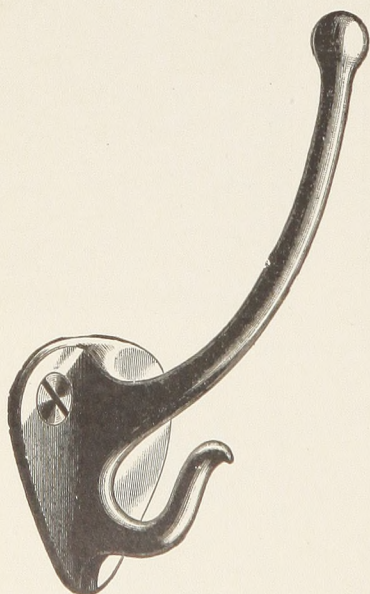
Coat and Hat Hooks

Bronze and Iron

Projection of upper hook, $3\frac{1}{8}$ inches.

No. 413—Bronze Metal, Buffed finish	doz.	\$3.75
“ “ Old Copper “	“	4.20
2413—Iron (unpolished), Bronze Pltd	“	1.00
“ “ Old Copper finish	“	1.20

For polished Hooks add \$.50 per dozen.



No. 1603

Projection of upper hook, 3 inches.

No. 1603—Bronze Metal, Buffed finish	doz.	\$16.70
“ “ Old Copper “	“	17.10

Towel Hooks

Bronze

Projection of upper hook, $5\frac{1}{2}$ inches.

No. 1606—Bronze Metal, Buffed finish	doz.	\$7.90
“ “ Old Copper “	“	8.30

Packed: 1 dozen in a box, with screws.

Cuts
one-half
size.



No. 845



Back Plate



Hood

Letter Hole Trim

Cast Bronze

Front Plate $2\frac{1}{2} \times 7$ inches.

No. 845—Front Plate, Bronze Metal, Buffed finish	dozen	\$20.00
“ “ Old Copper “	“	22.40
847—Front and Back Plate, Bronze Metal, Buffed finish	“	26.00
“ “ Old Copper “	“	29.60
849—Front Plate and Hood, Bronze Metal, Buffed finish	“	36.00
“ “ Old Copper “	“	40.80

Packed : each in a box, with screws.

1 2 3 4 5

Series "A "

Cuts $\frac{1}{2}$ Size of 2 inch Figure.

1 2 3 4 5

Series "F "

Cuts $\frac{1}{4}$ Size.

A B C D E F

Series No. 1

Cuts Full Size.

A B C D

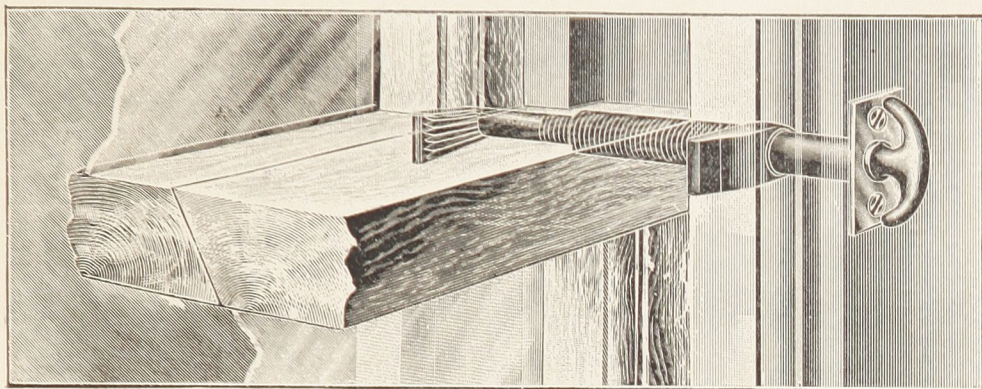
Series No. 2

Cuts $\frac{1}{3}$ Size.

Numerals and Letters

Prices on application.

*Cuts
one-half
size.*



"Cinch" Sash Clamp

Patented

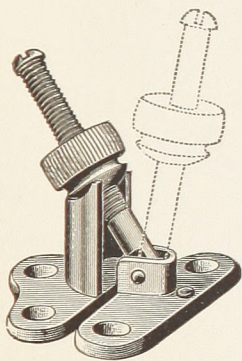
This device is a substitute for the common sash fast, and for many uses has marked advantages over all other sash fastenings.

Its construction and application will be seen in the above illustration.

In addition to locking the sashes in their closed position, the clamp will also lock them in *any open position*, a function not possessed by the ordinary sash fast.

Diameter of Screw, $\frac{1}{2}$ in.; Thumb-piece plate, $1\frac{1}{2} \times \frac{3}{4}$ ins.; Adjustment, $1\frac{1}{2}$ to 5 ins.

No. 1450—Thumb-piece with Base, Bronze Metal, Buffed finish . . .	dozen	\$10.50
“ “ “ Old Copper “ . . .	“	11.75



No. 1376

Yale Screw Sash Fast

Among other excellent features may be mentioned the following:

It guards the window securely against opening. It forces the sashes up and down against top and bottom of frame. It draws the sashes firmly together.

$2\frac{1}{2} \times 1\frac{1}{4}$ and $2\frac{1}{2} \times \frac{7}{8}$ inches.

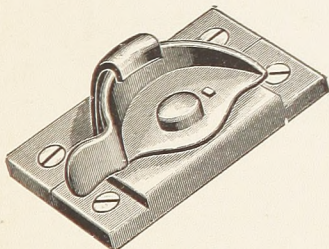
No. 1376—Bronze Metal, Buffed finish . . . dozen \$12.00

“	“ Old Copper “	“	12.80
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2376—Iron, Bronze Plated	“	6.00
------------------------------------	---	------

Old Copper finish	“	6.75
-----------------------------	---	------

Packed: $\frac{1}{2}$ dozen in a box, with screws.



Nos. W1400, S2400 and
S2405

"Vulcan" Sash Fast

Bronze and Steel

Regularly furnished with Rim Strike. Mortise Strike will be supplied at same price, if ordered.

Plate, $2\frac{3}{4} \times 1$ ins.; Rim Strike, $2\frac{3}{4} \times \frac{3}{4}$ ins.; Mortise Strike, $2\frac{3}{4} \times 1\frac{1}{8}$ ins.

No. **W1400**—Bronze Metal, Buffed finish . dozen \$6.80

“	“	Old Copper “	“	7.55
---	---	--------------	---	------

S2400—Steel polished, Bronze Plated	"	4.35
-------------------------------------	---	------

“	“	Old Copper finish	“	4.55
				4.00

S2405—Steel, unpolished, Bronze Plated	“	3.30
--	---	------

“	“	Old Copper finish	“	3.85
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Packed: 1 dozen in a box, with screws.

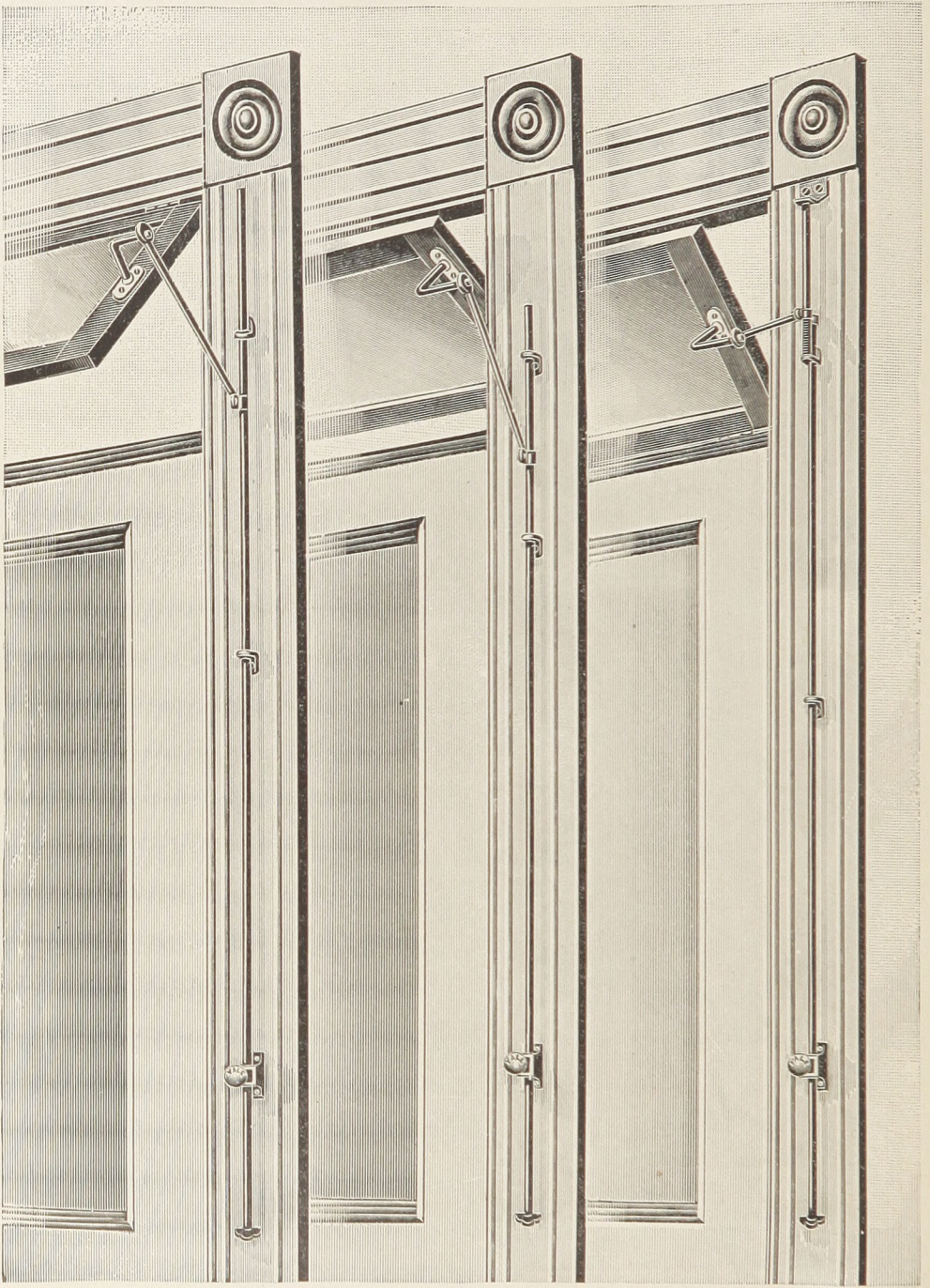


Fig. 1. Top Hung

Fig. 2. Center Hung

Fig. 3. Bottom Hung

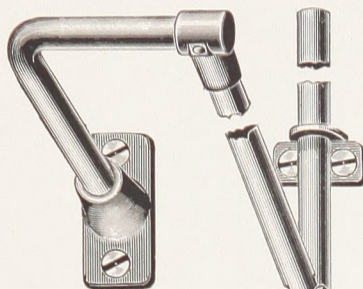
Types of Transom Lifters



Position when
Locked.
Rear View.



Position when
Unlocked.
Rear View.



Yale Transom Lifters

The Locking Device used with the Yale Transom Lifters consists of an Automatic Grip, the construction and action of which are clearly shown in the accompanying illustrations.

To find correct length of any style of Lifter wanted, deduct four feet from the distance between the floor and center of transom.

Coppered Steel

For Top or Centre Hung Transoms.

No.	Size	Length	Per 100'
S143	1/4 in. rod	3 feet	\$30.40
S144	" " 4 "	"	30.40
S154	5/16 in. rod	4 "	45.50
S155	" " 5 "	"	51.00
S165	3/8 in. rod	5 "	65.50
S166	" " 6 "	"	72.80

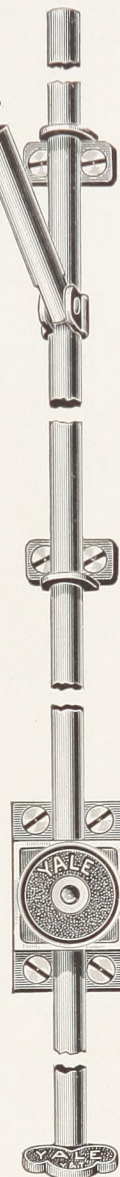
For Bottom Hung Transoms.

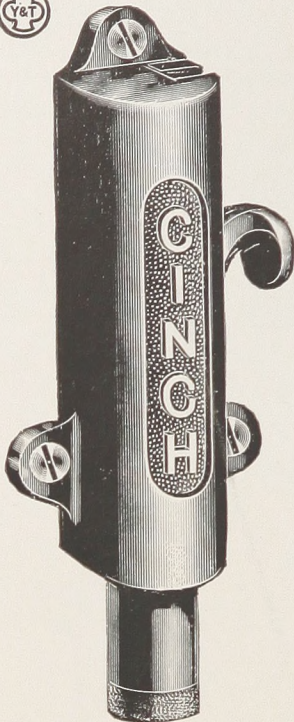
No.	Size	Length	
S243	1/4 in. rod	3 feet	\$47.35
S244	" " 4 "	"	47.35
S254	5/16 in. rod	4 "	56.45
S255	" " 5 "	"	61.90
S265	3/8 in. rod	5 "	76.45
S266	" " 6 "	"	83.75

Extra rod, 5/16 or 1/4 in., \$.10 per foot; 3/8 in., \$.15 per foot.

*Price does not include screws; for screws add 7 cents each list.

Packed: 100 in a case. Smaller quantities will be wired and shipped in bundles.





No. 2126

*Cuts
one-half
size.*

"Cinch" Door Stop

Iron

It is set or released with the foot. A reliable article at low cost

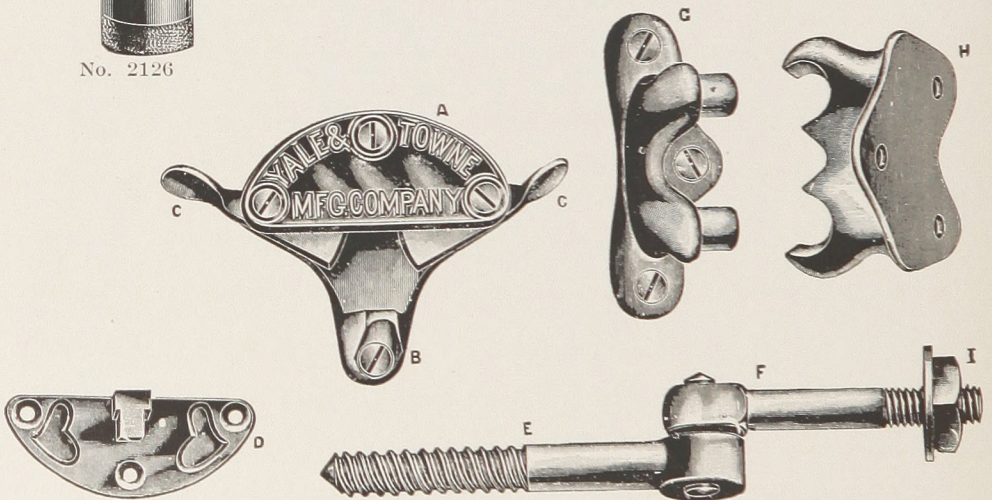
Height, 4½ inches.

No. 2126—Iron, Japanned finish . . . dozen \$6.00

Packed: ½ dozen in a box, with screws.

Leeds Gate Fixtures

Iron, Japanned



Operation. Downward pressure on either of the arms raises the other end of the drop and allows the gate to swing open, **always from you.** In closing, the drop against which the gate must stop is **always in position**, so that the gate can never swing past. In this position the "guard" at the bottom of Fastener is under the lug, thus rendering it impossible to lift the gate off its hinges.

Complete Fixtures . . . per dozen sets \$13.50

A—Front Plate	each \$.15	D—Strike	each \$.10	G—Post Hinge	each \$.25
B—Back Plate	" .10	E—Hood	" .20	H—Gate Hinge	" .30
C—Thumb-piece	" .10	F—Staple	" .20	I & J—Nut & washer	" .10

Packed: one set in a box, with screws.

Locks in Sets

THIS section contains a selection of our most popular locks for front, inside, and store doors, describing and pricing them both separately, and in sets complete with trim.

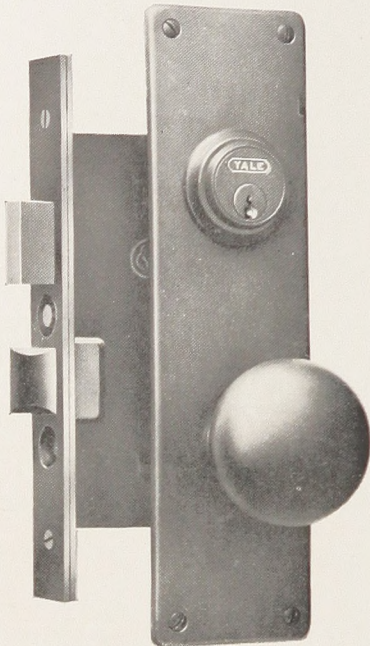
Sets for Front and Vestibule Doors include both cylinder and bit-key locks, of the most popular kinds, with Plain bronze trim, pages 100 to 101, and also with a number of attractive Designs of different schools and in various finishes, pages 109 to 125.

Sets for Inside Doors are of various grades, and are adapted for all ordinary uses on the interior doors of residences and other buildings. They are *shown* with Plain bronze and steel trim, pages 102 to 105, and with Ornamental trim, pages 109 to 125.

Sets for Store Doors include cylinder locks (which is now the accepted type of lock for this use), and also bit-key locks, with plain bronze handles, pages 126 to 129, and also with a variety of ornamental handles, in designs of different schools and in various finishes, pages 130 to 134. The use of handsome trim with store door locks is increasing, and where these goods are effectively shown they command ready sale.



*Cuts
one-third
size.*



Lock No. 750 with Trim

Front Door Lock-set

Yale Cylinder

Plain Wrought Bronze Trim

No. 750 Lock, Reversible. Case $6 \times 3\frac{3}{4} \times \frac{3}{4}$ inches, Japanned Iron; Front, bolts, hub, cylinder and strike, Bronze; Backset, $2\frac{3}{4}$ inches; $\frac{3}{8}$ inch Triplex Swivel spindle; 3 Paracentric keys; Operated, Latch bolt by knob from either side and by key from outside; Dead bolt by key from outside and by thumb-piece from inside; Outer knob may be set by stop each \$11.00

Trim: Pair $2\frac{1}{2} \times 2\frac{1}{4}$ inch Knobs and 2 Escutcheon Plates $10 \times 2\frac{3}{4}$ inches 4.50

Lock-set, Bronze, buffed each \$15.50
" Old Copper Finish " 16.10

Vestibule Door Lock-set

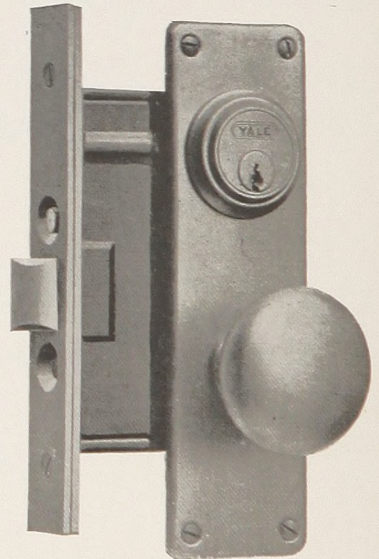
Yale Cylinder

Plain Wrought Bronze Trim

No. 790 Latch, Reversible. Case, $5 \times 3\frac{3}{4} \times \frac{3}{4}$ inches, Japanned Iron; Front, bolts, hub, cylinder and strike, Bronze; Backset, $2\frac{3}{4}$ inches; $\frac{3}{8}$ inch Triplex Swivel spindle; 3 Paracentric keys; Operated by knob from either side and by key from outside; Outer knob may be set by stop each \$8.35

Trim: Pair $2\frac{1}{2} \times 2\frac{1}{4}$ inch Knobs; Outside, Escutcheon Plate $7 \times 2\frac{1}{4}$ inches; Inside, Rose 2.45

Lock-set, Bronze, buffed each \$10.80
" Old Copper Finish " 11.30

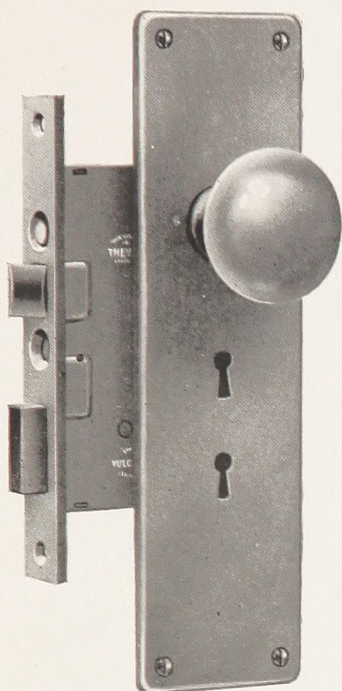


Lock No. 790 with Trim

Packed: one set in a box, with screws.

For Ornamental Lock-sets see pages 109 to 125.

*Cuts
one-third
size.*



Lock No. P3510 with Trim

Front Door Lock-set

Bit Key

Plain Wrought Bronze Trim

No. **P3510 Lock**: Case $5 \times 3\frac{3}{8} \times \frac{5}{8}$ inches, Bronze Plated Steel; Front, bolts, hub and strike, Bronze; Backset, $2\frac{3}{4}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex Swivel spindle; 3 Nickel plated steel keys, 12 changes; Operated, Latch bolt by knob from either side and by key from outside; Dead bolt by key from both sides. The same key operates both latch and dead bolt; Outer knob may be set by stop dozen \$33.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Knobs; Outside, Escutcheon Plate $10 \times 2\frac{3}{4}$ inches; Inside, Key Plate and Rose dozen 30.50

Lock-set, Bronze, buffed . . . dozen sets \$63.50
" Old Copper finish . . . " " 69.00

Vestibule Door Lock-set

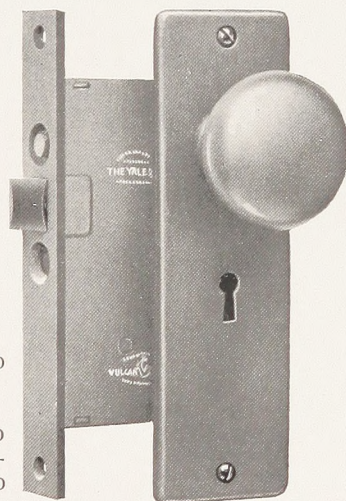
Bit Key

Plain Wrought Bronze Trim

No. **P3510½ Latch**: Case $5 \times 3\frac{3}{8} \times \frac{5}{8}$ inches, Bronze Plated Steel; Front, bolts, hub and strike, Bronze; Backset, $2\frac{3}{4}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex Swivel spindle; 2 Nickel plated steel keys, 12 changes; Operated, by knob from either side and by key from outside; Outer knob may be set by stop dozen \$30.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Knobs; Outside, Escutcheon Plate $7 \times 2\frac{1}{4}$ inches; Inside, Rose, dozen 22.60

Lock-set, Bronze, buffed . . . dozen sets \$52.60
" Old Copper finish . . . " " 57.60



Lock No. P3510½ with Trim

Packed: each in a box, with screws.

For Ornamental Lock-sets see pages 109 to 125.



*Cuts
one-third
size.*

Inside Door Lock-set

Vulcan Jr. Lock

Plain Wrought Bronze and Steel Trim

Steel

No. **SB3316 Lock:** Case $3\frac{1}{2} \times 3\frac{1}{4} \times \frac{1}{2}$ inches, Bronze Plated Steel; Front and strike, Bronze Plated Steel, polished; Bronze plated iron bolts; Iron hub; Back-set, $2\frac{5}{8}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Nickel plated solid steel key, 12 changes; Operated, by knob and key from either side dozen \$7.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches, doz. 4.00

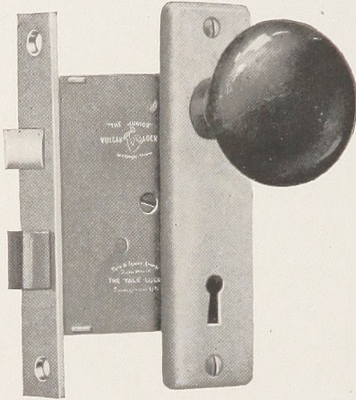
Lock-set, Bronze Plated, buffed, doz. sets \$11.00
" Old Copper finish 13.00

Bronze

No. **P3316 Lock:** Same as No. SB3316 above, but with Bronze front and bolts, doz. \$10.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches, doz. 10.00

Lock-set, Bronze, buffed . . . dozen sets \$20.00
" Old Copper finish 24.00



Lock No. 3316 with Trim

Inside Door Lock-set

Vulcan Jr. Lock

Plain Wrought Bronze and Steel Trim

Steel

No. **SB3316 Lock:** as described above, with Bronze plated front, strike and bolts, doz. \$7.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Wrought Steel Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches dozen \$7.35

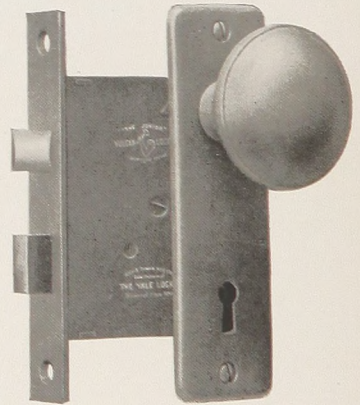
Lock-set, Bronze plated, buffed, doz. sets \$14.35
" Old Copper finish 16.85

Bronze

No. **P3316 Lock:** Same as No. SB3316 above, but with Bronze front and bolts, doz. \$10.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Wrought Bronze Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches dozen \$16.40

Lock-set, Bronze, buffed . . . dozen sets \$26.40
" Old Copper finish 31.20



Lock No. 3316 with Trim

Packed: each in a box, with screws.

For Ornamental Lock-sets see pages 109 to 125.

Cuts
one-third
size.



Inside Door Lock-set

Vulcan Jr. Lock

*Florian Design; Wrought Bronze or Steel, Relief
Natural Color of Bronze, Ebonized Matte*

Steel

No. **SB3316 Lock:** Case $3\frac{1}{2} \times 3\frac{1}{4} \times \frac{1}{2}$ inches, Bronze Plated Steel; Front and strike, Bronze Plated Steel, polished; Bronze plated iron bolts; Iron hub; Back-set, $2\frac{5}{8}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Nickel plated solid steel key, 12 changes; Operated, by knob and key from either side dozen \$7.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{3}{4}$ inches, doz. 4.00

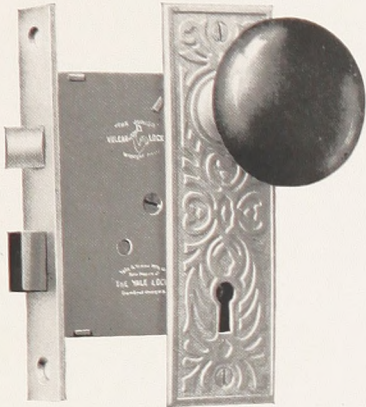
Lock-set, Bronze plated, finish as above, dozen sets \$11.00

Bronze

No. **P3316:** Same as No. SB3316 above, but with Bronze front and bolts . . . dozen \$10.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{3}{4}$ inches, doz. 10.00

Lock-set, Bronze, finish as above, dozen sets \$20.00



Lock No. 3316 with Trim

Inside Door Lock-set

Vulcan Jr. Lock

*Florian Design; Wrought Bronze or Steel, Relief
Natural Color of Bronze, Ebonized Matte*

Steel

No. **SB3316 Lock**, as described above, with Bronze plated front, strike and bolts, doz. \$7.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Steel Florian Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{3}{4}$ inches dozen 7.35

Lock-set, Bronze plated, finish as above, dozen sets \$14.35

Bronze

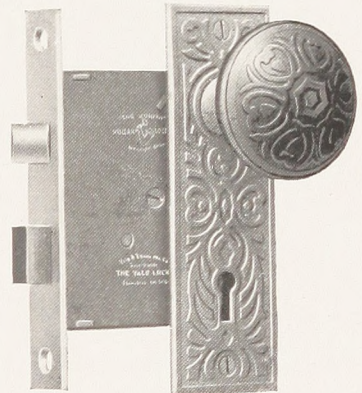
No. **P3316 Lock:** Same as No. SB3316 above, but with Bronze front and bolts, doz. \$10.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Bronze Florian Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{3}{4}$ inches dozen 16.40

Lock-set, Bronze, finish as above, dozen sets \$26.40

Packed: each in a box, with screws.

For Ornamental Lock-sets see pages 109 to 125.



Lock No. 3316 with Trim



*Cuts
one-third
size.*

Inside Door Lock-set

Plain Wrought Bronze and Steel Trim

Steel

No. **SB719 Lock:** Case $3\frac{5}{8} \times 3\frac{1}{4} \times \frac{5}{8}$ inches, Japanned Iron; Front and strike, Bronze Plated Steel, buffed; Bronze plated iron bolts; Iron hub; Backset, $2\frac{1}{2}$ inches; Reversible, for doors of either hand; $\frac{7}{16}$ inch Triplex spindle; 1 Nickel plated solid steel key, 6 changes; Operated, by knob and key from either side . dozen \$6.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches, dozen 4.00

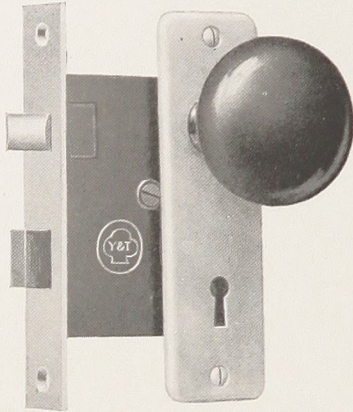
Lock-set, Bronze plated, buffed, dozen sets \$10.00
" Old Copper finish " " 12.00

Bronze

No. **P719 Lock:** Same as No. SB719 above, but with Bronze front and bolts . dozen \$9.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches, dozen 10.00

Lock-set, Bronze, buffed . . dozen sets \$19.00
" Old Copper finish . " " 23.00



Lock No. 719 with Trim

Inside Door Lock-set

Plain Wrought Bronze and Steel Trim

Steel

No. **SB719 Lock**, as described above, with Bronze plated front, strike and bolts, doz. \$6.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Wrought Steel Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches dozen 7.35

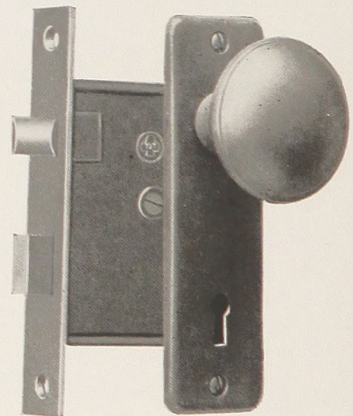
Lock-set, Bronze plated, buffed, doz. sets \$13.35
" Old Copper finish " " 15.85

Bronze

No. **P719 Lock:** Same as No. SB719 above, but with Bronze front and bolts, dozen \$9.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Wrought Bronze Knobs and 2 Escutcheon Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inches dozen 16.40

Lock-set, Bronze, buffed . . dozen sets \$25.40
" Old Copper finish " " 30.20



Lock No. 719 with Trim

Packed: each in a box, with screws.

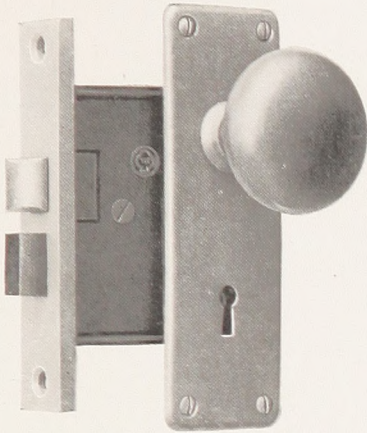
For Ornamental Lock-sets see pages 109 to 125.

Cuts
one-third
size.



Inside Door Lock-set

Plain Wrought Bronze Trim



Lock No. 1620 with Trim

No. 1620 Lock: Case $3\frac{1}{2} \times 3\frac{1}{4} \times \frac{5}{8}$ inches, Japanned Iron; Front, bolts, strike and hub, Bronze; Backset, $2\frac{11}{16}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Nickel plated solid steel key; 3 Tumblers, 54 changes; Operated, by knob and key from either side dozen \$23.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Knobs and 2 Escutcheon Plates 6×2 inches . . dozen 21.20

Lock-set, Bronze, buffed . . . dozen sets \$44.20
" Old Copper finish " " 49.00

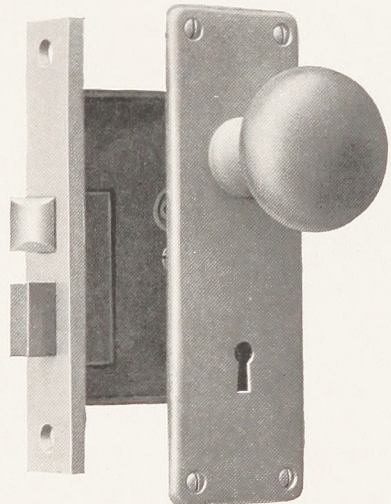
Inside Door Lock-set

Plain Wrought Bronze Trim

No. 1500 Lock: Case, $4\frac{1}{4} \times 3\frac{1}{2} \times \frac{5}{8}$ inches, Japanned Iron; Front, bolts, strike and hub, Bronze; Backset, $2\frac{3}{4}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Nickel plated solid Steel key; 3 Tumblers, 54 changes; Operated, by knob and key from either side dozen \$27.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Knobs and 2 Escutcheon Plates $6\frac{1}{2} \times 2\frac{1}{8}$ inches, dozen 27.00

Lock-set, Bronze, buffed . . . dozen sets \$54.00
" Old Copper finish " " 59.20



Lock No. 1500 with Trim

Packed: each in a box, with screws.

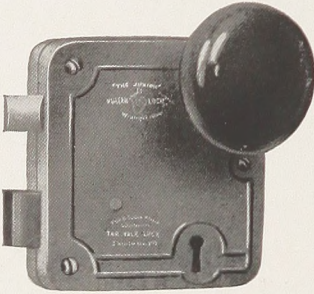
For Ornamental Lock-sets see pages 109 to 125.



*Cuts
one-third
size.*

Rim Lock-sets

With Jet, Mineral or Porcelain Knobs



Lock No. 5310
with Jet Knobs

No. 5310 Lock: Case, $3\frac{3}{4} \times 3\frac{3}{4} \times \frac{5}{8}$ inches, Enameled Steel; Iron bolts and hub; Backset, $2\frac{1}{2}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Nickel plated steel key, 12 changes; Operated, Latch bolt by knob, dead bolt by key from either side . . . dozen \$6.75

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs and Japanned key plate . . . dozen 2.35

Lock-set, with Jet Knobs . . . dozen sets \$9.10

With $2\frac{1}{4} \times 2\frac{1}{4}$ inch Mineral Knobs " " 8.75

" $2\frac{1}{4} \times 2\frac{1}{4}$ inch Porcelain " " " 9.10

Rim Lock-sets

With Jet, Mineral or Porcelain Knobs

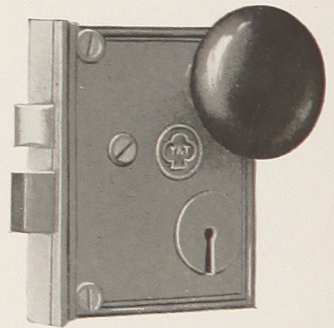
No. 4620 Lock: Case, $4\frac{1}{4} \times 3\frac{3}{8} \times \frac{7}{8}$ inches, Japanned Iron; Bronze bolts and hub; Backset, $2\frac{5}{8}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Nickel plated steel key; 3 Tumblers, 36 changes; Operated, Latch bolt by knob, dead bolt by key from either side, dozen \$15.40

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs, and Japanned key plate . . . dozen 2.35

Lock-set, with Jet Knobs . . . doz. sets \$17.75

With $2\frac{1}{4} \times 2\frac{1}{4}$ in. Mineral Knobs " " 17.40

" $2\frac{1}{4} \times 2\frac{1}{4}$ in. Porcelain " " " 17.75



Lock No. 4620
with Jet Knobs

Packed : $\frac{1}{4}$ dozen in a box, with screws and key plates.

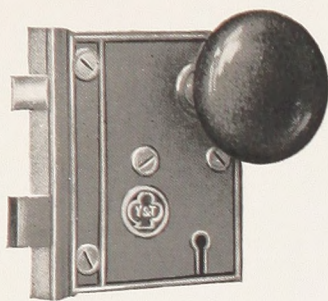
For Ornamental Lock-sets see pages 109 to 125.

Cuts
one-third
size.



Rim Lock-sets

With Jet, Mineral or Porcelain Knobs



Lock No. 1972 $\frac{1}{4}$
with Mineral Knobs

No. 1972 $\frac{1}{4}$ **Lock:** Case, $4 \times 3\frac{1}{4} \times \frac{3}{4}$ inches, Japanned Iron; Iron bolts and hub; Backset, $2\frac{1}{2}$ inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Tinned malleable iron key, 4 changes; Operated, Latch bolt by knob, dead bolt by key from either side . . . dozen \$3.00

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Mineral Knobs and Japanned key plate . . . dozen 2.00

Lock-set, with Mineral Knobs . doz. sets \$5.00

With $2\frac{1}{4} \times 2\frac{1}{4}$ in. Jet Knobs " " 5.35

" $2\frac{1}{4} \times 2\frac{1}{4}$ in. Porcelain " " " 5.35

Rim Lock-sets

With Jet, Mineral or Porcelain Knobs

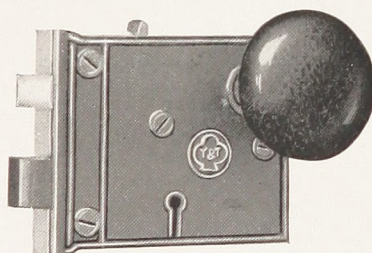
No. 1455 **Lock:** Case, $3\frac{1}{4} \times 4 \times \frac{3}{4}$ inches, Japanned Iron; Iron bolts and hub; Backset of hub, $3\frac{1}{4}$ inches, of keyhole, 2 inches; Reversible, for doors of either hand; $\frac{5}{16}$ inch Triplex spindle; 1 Tinned malleable iron key, 4 changes; Operated, Latch bolt by knob, dead bolt by key from either side . . . dozen \$3.20

Trim: Pair $2\frac{1}{4} \times 2\frac{1}{4}$ inch Mineral Knobs and Japanned key plate . . . dozen 2.00

Lockset, with Mineral Knobs . doz. sets \$5.20

With $2\frac{1}{4} \times 2\frac{1}{4}$ inch Jet Knobs " " 5.55

" $2\frac{1}{4} \times 2\frac{1}{4}$ in. Porcelain " " " 5.55



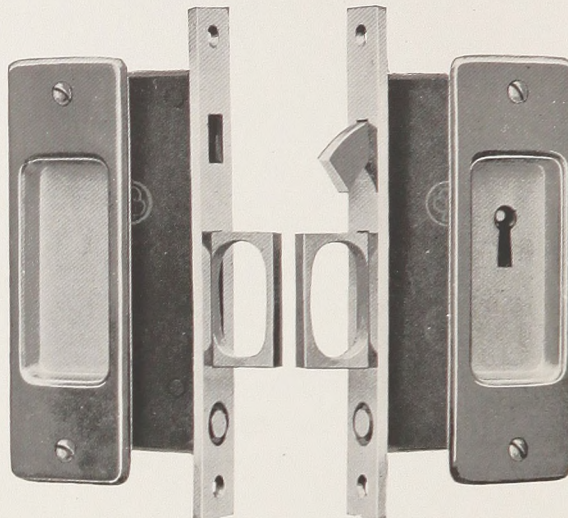
Lock No. 1455
with Mineral Knobs

Packed : $\frac{1}{4}$ dozen in a box, with screws and key plates.

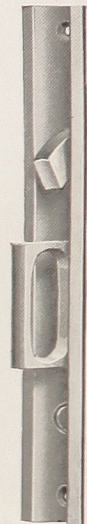
For Ornamental Lock-sets see pages 109 to 125.



No. 3936½
Front only



Lock No. 3924½ with Trim



No. 3936½
Front only

Sliding Door Lock-sets

Steel: Bronze Plated, Buffed or Old Copper finish.

			Bronze Plated	Old Copper
No. SB3912½ Lock:	Flat front, for Single Doors; Case, 5¼ x 3⅜ x ⅝ ins., Japanned Iron; Steel front and strike; Bronze bolt and pull; Backset, 2¾ ins.; Reversible, for doors of either hand; 1 adjustable Extension key; Operated, by key from either side	each	\$1.70	\$1.90
Trim: 2 Cup Escutcheons	6 x 2 inches . . . . .		.60	.75
	Lock-set, complete, set		\$2.30	\$2.65
No. SB3924½ Lock:	Flat front, for Double Doors	each	\$2.20	\$2.45
Trim: 4 Cup Escutcheons	6 x 2 inches		1.20	1.50
	Lock-set, complete, set		\$3.40	\$3.95
No. FB3936½ Lock:	Astragal front (Iron), for Double Doors	each	\$3.00	\$3.30
Trim: 4 Cup Escutcheons	6 x 2 inches		1.20	1.50
	Lock-set, complete, set		\$4.20	\$4.80

Bronze: Buffed, or Old Copper finish.

			Buffed	Old Copper
No. P3912½ Lock:	Flat front, for Single Doors; same as No. SB3912½ above, but with Bronze front and strike	each	\$1.95	\$2.20
Trim: 2 Cup Escutcheons	6 x 2 inches . . . . .		.80	1.10
	Lock-set, complete, set		\$2.75	\$3.30
No. P3924½ Lock:	Flat front, for Double Doors	each	\$2.60	\$3.00
Trim: 4 Cup Escutcheons	6 x 2 inches		1.60	2.20
	Lock-set, complete, set		\$4.20	\$5.20
No. P3936½ Lock:	Astragal front, for Double Doors	each	\$3.60	\$4.00
Trim: 4 Cup Escutcheons	6 x 2 inches		1.60	2.20
	Lock-set, complete, set		\$5.20	\$6.20

Packed: one set in a box, with screws.

For Ornamental Lock-sets see pages 109 to 125.

Ornamental Hardware

Metals

Wrought Steel Designs

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Wrought Bronze or Brass Designs

Arcadian Design	Page 109	Ionian Design	Page 117, 132
Florian "	" 112	Meridian "	" 120
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Cast Bronze or Brass Designs

Alencon Design	Page 130	Marathon Design	Page 119, 132
Ancona "	" 130	Marly "	" 133
Bergamo "	" 130	Medici "	" 133
Brabant "	" 130	Mystic "	" 133
Bristol "	" 111	Navarro "	" 121, 133
Ceva "	" 131	Oporto "	" 122, 134
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Fleury "	114, 131	Sorrento "	" 125
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Cuts
one-third
size.



Arcadian

Arcadian Design

School—Colonial

Wrought Bronze; Old Copper Finish

Hardware

Oval Knobs	No. WA13½	3 x 2½	ins.	doz.	pair	\$17.65
	WA114	2½ x 1½	"	"	"	12.40
Round Knobs	WA38	2¼ x 2¼	"	"	"	12.40
Rose		2¼	"	doz.		2.00
Key Plate	WA7812	2 x 1¼	"	"		1.60
Escutcheon Plates		7¼ x 2¼	"	"		6.00
		10 x 2¾	"	"		16.00
Cup Escutcheon	WA7854	7¼ x 2¼	"	pair		1.50
Door Pull	WA322	10 x 2¾	"	doz.		41.00
Drop Drawer Pull	1199	1½ x 4	"	"		9.00
Flush Sash Lift	WA7349	1½ x 3	"	gross		24.00
Push Button	WA1416	4 x 1¾	"	doz.		9.90
Push Plate	WA1730	10 x 2¾	"	"		16.00

Lock-sets for Front Doors

- Lock-set No. **750 Arcadian**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2½ ins., and 2 Escutcheon Plates 10 x 2¾ ins. set \$15.90
- Lock-set No. **P3510 Arcadian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Escutcheon Plate 10 x 2¾ ins.; Inside, Key Plate and Rose dozen sets 68.00

Lock-sets for Vestibule Doors

- Lock-set No. **790 Arcadian**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2½ ins.; Outside, Escutcheon Plate 10 x 2¾ ins.; Inside, Rose set \$11.70
- Lock-set No. **P3510½ Arcadian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 10 x 2¾ ins.; Inside, Rose, doz. sets 63.40

Lock-sets for Inside Doors

- Lock-set No. **P3316 Arcadian**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7¼ x 2¼ ins. dozen sets \$34.35
- Lock-set No. **P719 Arcadian**: Lock No. P719 (p. 104); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7¼ x 2¼ ins. dozen sets 33.35

Lock-sets for Sliding Doors

- Lock-set No. **P3912½ Arcadian**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons, 7¼ x 2¼ ins. set \$3.40
- Lock-set No. **P3924½ Arcadian**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons, 7¼ x 2¼ ins. set 5.55
- Lock-set No. **P3936½ Arcadian**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons, 7¼ x 2¼ ins. set 6.55

Round Knobs may be substituted in any of the above Lock-sets at same price.

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Arcadian

Arcadian Design

School—Colonial

Wrought Steel; Old Copper Finish

Hardware

Oval Knobs . . .	No.	SA13½	3 x 2½	ins.	doz.	pair	\$12.80
		SA114	2½ x 1½	"	"	"	9.60
Round Knobs . . .	"	SA38	2¼ x 2¼	"	"	"	9.60
Rose			2¼			doz.	1.40
Key Plate	"	SA7812	2 x 1¼	"	"	"	.80
Escutcheon Plates			7¼ x 2¼	"	"	"	4.90
			10 x 2¾	"	"	"	8.20
Cup Escutcheon	"	SA7854	7¼ x 2¼	"		pair	1.05
Door Pull	"	SA322	10 x 2¾	"		doz.	20.00
Drop Drawer Pull	"	2199	1½ x 4	"	"	"	4.50
Flush Sash Lift	"	SA7349	1½ x 3	"		gross	20.00
Push Button	"	SA1416	4 x 1¾	"		doz.	8.00
Push Plate	"	SA1730	10 x 2¾	"	"	"	8.20

Lock-sets for Front Doors

Lock-set No. **750 Arcadian**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2½ ins., and 2 Escutcheon Plates 10 x 2¾ ins. set \$14.00

Lock-set No. **P3510 Arcadian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Escutcheon Plate 10 x 2¾ ins.; Inside, Key Plate and Rose dozen sets 57.00

Lock-sets for Vestibule Doors

Lock-set No. **790 Arcadian**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2½ ins.; Outside, Escutcheon Plate 10 x 2¾ ins.; Inside, Rose . . . set \$10.60

Lock-set No. **P3510½ Arcadian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 10 x 2¾ ins.; Inside, Rose, doz. sets 53.20

Lock-sets for Inside Doors

Lock-set No. **SB3316 Arcadian**: Vulcan Jr. Lock No. SB3316 (p. 102); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7¼ x 2¼ ins. . . . dozen sets \$17.70

Lock-set No. **SB719 Arcadian**: Lock No. SB719 (p. 104); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7¼ x 2¼ ins. . . . dozen sets 16.70

Lock-sets for Sliding Doors

Lock-set No. **SB3912½ Arcadian**: Lock No. SB3912½, single flat (p. 108), and 2 Cup Escutcheons 7¼ x 2¼ ins. set \$2.70

Lock-set No. **SB3924½ Arcadian**: Lock No. SB3924½, double flat (p. 108), and 4 Cup Escutcheons 7¼ x 2¼ ins. set 4.25

Lock-set No. **FB3936½ Arcadian**: Lock No. FB3936½, double astragal (p. 108), and 4 Cup Escutcheons 7¼ x 2¼ ins. set 5.10

Round Knobs may be substituted in any of the above Lock-sets at same price.

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

*Cuts
one-third
size.*



Bristol

Bristol Design

School—Colonial

Antique Brass or Old Copper Finish

Hardware

Oval Knobs	No. 13½	2¾ x 2½ ins.	doz.	pair	\$37.00
	" 114	2½ x 1½	"	"	30.00
Round Knobs	" 156	2¼ x 2¼	"	"	30.00
Rose	"	2½	doz.		8.00
Key Plate	" 812	1⅞ x ¾	"	"	4.40
Escutcheon Plates	"	7 x 2½	"	"	20.40
	"	11 x 3	"	"	38.00
Cup Escutcheon	" 854	6⅞ x 2½	"	pair	4.25
Door Pull	" 43	11 x 3	"	each	5.25
Letter Drop Plate	" 1505	2¾ x 8½	"	"	29.20
Drop Drawer Pull	" 1099	1¾ x 4½	doz.		18.00
Flush Sash Lift	" 1349	1¾ x 4½	"	"	10.00
Push Button	" 1415	4⅞ x 2¼	"	"	32.40
Push Plate	" 1730	11 x 3	"	"	38.00

Lock-sets for Front Doors

Lock-set No. **750 Bristol**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 2¾ x 2½ ins., and 2 Escutcheon Plates 11 x 3 ins. set \$21.50

Lock-set No. **P3510 Bristol**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 11 x 3 ins.; Inside, Key Plate and Rose, doz. sets 109.00

Lock-sets for Vestibule Doors

Lock-set No. **790 Bristol**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 2¾ x 2½ ins.; Outside, Escutcheon Plate 11 x 3 ins.; Inside, Rose . . . set \$15.65

Lock-set No. **P3510½ Bristol**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 7 x 2½ ins.; Inside, Rose . . . dozen sets 92.40

Lock-sets for Inside Doors

Lock-set No. **P3316 Bristol**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7 x 2½ ins. . . . dozen sets \$82.40

Lock-set No. **1620 Bristol**: Lock No. 1620 (p. 105); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7 x 2½ ins. dozen sets 98.40

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Bristol**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 6⅞ x 2½ ins. set \$6.45

Lock-set No. **P3924½ Bristol**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 6⅞ x 2½ ins. set 11.50

Lock-set No. **P3936½ Bristol**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 6⅞ x 2½ ins. set 12.50

Round Knobs may be substituted in any of the above Lock-sets at same price.

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Florian

Florian Design

School—Modern

Cast and Wrought Bronze; Raised Surface Buffed,

Ebonized Matte

Hardware

Knobs	No. WF50	2¼ x 2¼ ins.	doz. pair	\$10.40
Rose		2¼	doz.	1.35
Key Plate	" WF5812	1¾ x 1⅞	"	.70
Escutcheon Plates		5½ x 1¾	"	3.00
		7 x 2¼	"	6.60
Cup Escutcheon	" WF5850	4¼ x 2¼	pair	.70
Door Pull	" 322	10 x 3	doz.	40.00
Letter Drop Plate	" 845	2¼ x 7⅞	"	13.00
Drawer Pull	" 283	7⁄8 x 3¾	"	3.40
Flush Sash Lift	" WF5349	1½ x 3¼	"	1.60
Hook Sash Lift	" WF5343	1¾ x 1¾	"	1.35
Push Button	" 1413	2½ x 1¼	"	10.00
Push Plate	" 1730	10 x 3	"	21.00

Lock-sets for Front Doors

Lock-set No. **P3510 Florian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 7 x 2¼ ins.; Inside, Key Plate and Rose, doz. sets 54.05

Lock-sets for Vestibule Doors

Lock-set No. **P3510½ Florian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 7 x 2¼ ins.; Inside, Rose . dozen sets \$50.35

Lock-sets for Inside Doors

Lock-set No. **P3316 Florian: Jet**—Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Jet Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins., doz. sets \$20.00

Lock-set No. **P3316 Florian**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair metal Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins. . dozen sets 26.40

Lock-set No. **P719 Florian: Jet**—Lock No. P719 (p. 104); Trim, pair Jet Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins. . dozen sets 19.00

Lock-set No. **P719 Florian**: Lock No. P719 (p. 104); Trim, pair metal Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins. . dozen sets 25.40

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Florian**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 4¼ x 2¼ ins. set \$2.65

Lock-set No. **P3924½ Florian**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 4¼ x 2¼ ins. set 4.00

Lock-set No. **P3936½ Florian**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 4¼ x 2¼ ins. set 5.00

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

*Cuts
one-third
size.*



Florian Design

School—Modern

*Steel and Iron; Bronze Plated, Raised Surface Buffed,
Ebonized Matte*



Florian

Hardware

Knobs	No. SF50	2¼ x 2¼ ins.	doz. pair	\$8.00
Rose	"	2¼	doz.	1.00
Key Plate	SF5812	1¾ x 1⅞	gross	7.20
Escutcheon Plates	"	5½ x 1¾	doz.	1.80
		7 x 2¼	"	3.60
Cup Escutcheon	SF5850	4¼ x 2¼	pair	.55
Door Pull	FF322	10 x 3	doz.	15.00
Letter Drop Plate	FF845	2¼ x 7⅞	"	5.00
Drawer Pull	FF283	7⁄8 x 3¾	gross	11.00
Flush Sash Lift	SF5349	1½ x 3¾	"	14.40
Hook Sash Lift	SF5343	1¾ x 1¾	"	10.00
Push Button	FF1413	2½ x 1¼	doz.	5.85
Push Plate	FF1730	10 x 3	"	6.70

Lock-sets for Front Doors

Lock-set No. **P3510 Florian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 7 x 2¼ ins.; Inside, Key Plate and Rose, doz. sets \$48.20

Lock-sets for Vestibule Doors

Lock-set No. **P3510½ Florian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 7 x 2¼ ins.; Inside, Rose . dozen sets \$44.60

Lock-sets for Inside Doors

Lock-set No. **SB3316 Florian Jet**: Vulcan Jr. Lock No. SB3316 (p. 102); Trim, pair Jet Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins., doz. sets \$11.00

Lock-set No. **SB3316 Florian**: Vulcan Jr. Lock No. SB3316 (p. 102); Trim, pair metal Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins., dozen sets 14.35

Lock-set No. **SB719 Florian Jet**: Lock No. SB719 (p. 104); Trim, pair Jet Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins. . . . dozen sets 10.00

Lock-set No. **SB719 Florian**: Lock No. SB719 (p. 104); Trim, pair metal Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 5½ x 1¾ ins. . . . dozen sets 13.35

Lock-sets for Sliding Doors

Lock-set No. **SB3912½ Florian**: Lock No. SB3912½, single flat (p. 108), and 2 Cup Escutcheons 4¼ x 2¼ ins. set \$2.20

Lock-set No. **SB3924½ Florian**: Lock No. SB3924½, double flat (p. 108), and 4 Cup Escutcheons 4¼ x 2¼ ins. set 3.25

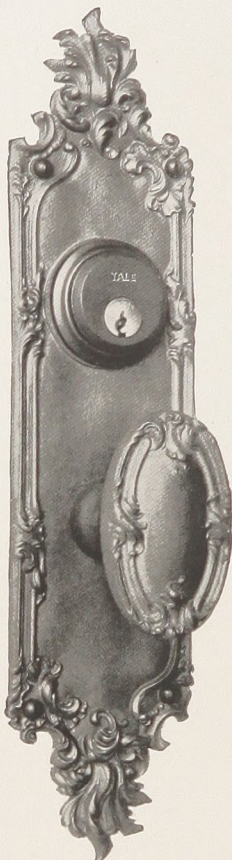
Lock-set No. **FB3936½ Florian**: Lock No. FB3936½, double astragal (p. 108), and 4 Cup Escutcheons 4¼ x 2¼ ins. set 4.10

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Fleury

Fleury Design

School—Louis XV

**Bronze; Old Copper Finish*

Hardware

Oval Knobs	No. 13½	3 x 2⅝	ins.	pair	\$3.10
	" 14	2⅝ x 1⅝	"	"	2.75
Key Plate	" 812	3¼ x 1¼	"	each	.45
Escutcheon Plates	"	9 x 2¼	"	"	2.15
	"	12 x 2¾	"	"	3.35
Cup Escutcheon	" 854	10 x 2¾	"	pair	6.40
Door Pull	" 47	12 x 2¾	"	each	6.25
Drop Drawer Pull	" 1099	1¾ x 5⅝	"	"	2.20
Flush Sash Lift	" 1349	1¾ x 5½	"	"	1.05
Push Button	" 1415	5⅞ x 2¼	"	"	3.05
Push Plate	" 1730	12 x 2¾	"	"	3.35

Lock-sets for Front Doors

Lock-set No. **750 Fleury**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2⅝ ins., and 2 Escutcheon Plates 12 x 2¾ ins. set \$21.55

Lock-set No. **P3510 Fleury**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Escutcheon Plate 12 x 2¾ ins.; Inside, Key Plate and Rose set 9.90

Lock-sets for Vestibule Doors

Lock-set No. **790 Fleury**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2⅝ ins.; Outside, Escutcheon Plate 12 x 2¾ ins.; Inside, Rose set \$15.50

Lock-set No. **P3510½ Fleury**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Plate 12 x 2¾ ins.; Inside, Rose set 9.25

Lock-sets for Inside Doors

Lock-set No. **P3316 Fleury**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 9 x 2¼ ins. set \$8.00

Lock-set No. **1620 Fleury**: Lock No. 1620 (p. 105); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 9 x 2¼ ins. set 9.10

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Fleury**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 10 x 2¾ ins. set \$8.60

Lock-set No. **P3924½ Fleury**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 10 x 2¾ ins. set 15.80

Lock-set No. **P3936½ Fleury**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 10 x 2¾ ins. set 16.80

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

Cuts
one-third
size.



Gardo

Gardo Design

School—Greek

Bronze; Old Copper Finish

Hardware

Knobs	No.	55½	2½ x 2¼	ins.	doz.	pair	\$26.80
	"	156	2¼ x 2¼	"	"	"	17.20
Rose			2¼	"	doz.		4.00
Key Plate	"	812	3 x 1¾	"	"		4.00
Escutcheon Plates			7¾ x 2¼	"	"		13.35
			11 x 2¾	"	"		28.35
Cup Escutcheon	"	854	8 x 2¼	"	pair		2.80
Door Pull	"	43	12¼ x 2¾	"	each		4.90
Letter Drop Plate	"	1506	2¼ x 9¼	"	doz.		26.00
Drop Drawer Pull	"	1099	1½ x 5	"	"		16.00
Flush Sash Lift	"	1349	1½ x 5½	"	"		8.00
Hook Sash Lift	"	1343	1½ x 2¾	"	"		4.00
Push Button	"	1413	4 x 1½	"	"		16.00
Push Plate	"	1730	12¼ x 2¾	"	"		33.35

Lock-sets for Front Doors

Lock-set No. **750 Gardo**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 2½ x 2¼ ins., and 2 Escutcheon Plates 11 x 2¾ ins. set \$18.95

Lock-set No. **P3510 Gardo**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Escutcheon Plate 11 x 2¾ ins.; Inside, Key Plate and Rose dozen sets 90.55

Lock-sets for Vestibule Doors

Lock-set No. **790 Gardo**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 2½ x 2¼ ins.; Outside, Escutcheon Plate 11 x 2¾ ins.; Inside, Rose set \$13.65

Lock-set No. **P3510½ Gardo**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 7¾ x 2¼ ins.; Inside, Rose, dozen sets 68.55

Lock-sets for Inside Doors

Lock-set No. **P3316 Gardo**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 7¾ x 2¼ ins. dozen sets \$55.50

Lock-set No. **1620 Gardo**: Lock No. 1620 (p. 105); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 7¾ x 2¼ ins. dozen sets 71.50

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Gardo**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 8 x 2¼ ins. set \$5.00

Lock-set No. **P3924½ Gardo**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 8 x 2¼ ins. set 8.60

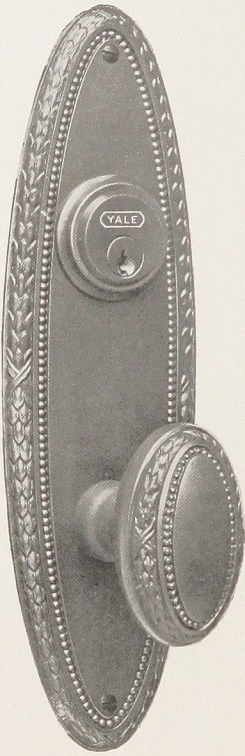
Lock-set No. **P3936½ Gardo**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 8 x 2¼ ins. set 9.60

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Hellenian

Hellenian Design

School—Colonial

Antique Brass; or Old Copper Finish

Hardware

Oval Knobs . . .	No.	WH13½	3 x 2½	ins.	doz.	pair	\$18.90
	"	WH114	2½ x 1½	"	"	"	12.40
Rose			2¼	"	doz.		2.00
Key Plate	"	WH812	2½ x 1¼	"	"	"	1.50
Escutcheon Plates			7 x 2½	"	"	"	6.00
			10½ x 3	"	"	"	16.00
Cup Escutcheon . . .	"	WH854	7 x 2½	"	pair		1.50
Door Pull	"	WH47	10½ x 3	"	doz.		37.70
Letter Drop Plate . . .	"	WH1506	2½ x 7	"	"	"	18.60
Drop Drawer Pull . . .	"	WH1199	1¾ x 4½	"	"	"	9.00
Flush Sash Lift . . .	"	WH1349	1¾ x 4½	"	"	"	3.00
Push Button . . .	"	I415	5 x 2½	"	"	"	32.40
Push Plate . . .	"	WH1730	10½ x 3	"	"	"	16.00

Lock-sets for Front Doors

Lock-set No. **750 Hellenian**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2½ ins., and 2 Escutcheon Plates 10½ x 3 ins. set \$16.25

Lock-set No. **P3510 Hellenian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Escutcheon Plate 10½ x 3 ins.; Inside, Key Plate and Rose dozen sets 68.90

Lock-sets for Vestibule Doors

Lock-set No. **790 Hellenian**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2½ ins.; Outside, Escutcheon Plate 10½ x 3 ins.; Inside, Rose . . . set \$11.80

Lock-set No. **P3510½ Hellenian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 7 x 2½ ins.; Inside, Rose . . . dozen sets 54.40

Lock-sets for Inside Doors

Lock-set No. **P3316 Hellenian**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7 x 2½ ins. . . . dozen sets \$34.35

Lock-set No. **P719 Hellenian**: Lock No. P719 (p. 104); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7 x 2½ ins. dozen sets 33.35

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Hellenian**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 7 x 2½ ins. set \$3.50

Lock-set No. **P3924½ Hellenian**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 5.60

Lock-set No. **P3936½ Hellenian**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 6.60

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

Cuts
one-third
size.



Ionian

Ionian Design

School—Colonial

Antique Brass; or Old Copper Finish

Hardware

Oval Knobs	No. WI13½	3 x 2⅝	ins. doz. pair	\$18.90
	" WI114	2⅝ x 1⅝	" "	12.40
Rose		2¼	" doz.	2.00
Key Plate	" WI812	2½ x 1¼	" "	1.50
Escutcheon Plates		7 x 2½	" "	6.00
		10½ x 3	" "	16.00
Cup Escutcheon	" WI854	7 x 2½	" pair	1.50
Door Pull	" WI47	10½ x 3	" doz.	37.70
Letter Drop Plate	" WI1506	2½ x 7	" "	18.60
Drop Drawer Pull	" WI1199	1¾ x 4½	" "	9.00
Flush Sash Lift	" WI1349	1¾ x 4½	" "	3.00
Push Button	" I415	5 x 2½	" "	32.40
Push Plate	" WI1730	10½ x 3	" "	16.00

Lock-sets for Front Doors

Lock-set No. **750 Ionian**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2⅝ ins., and 2 Escutcheon Plates 10½ x 3 ins. set \$16.25

Lock-set No. **P3510 Ionian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Escutcheon Plate 10½ x 3 ins.; Inside, Key Plate and Rose dozen sets 68.90

Lock-sets for Vestibule Doors

Lock-set No. **790 Ionian**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2⅝ ins.; Outside, Escutcheon Plate 10½ x 3 ins.; Inside, Rose . . . set \$11.80

Lock-set No. **P3510½ Ionian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Plate 7 x 2½ ins.; Inside, Rose . . . dozen sets 54.40

Lock-sets for Inside Doors

Lock-set No. **P3316 Ionian**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 7 x 2½ ins. . . . dozen sets \$34.35

Lock-set No. **P719 Ionian**: Lock No. P719 (p. 104); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 7 x 2½ ins. dozen sets 33.35

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Ionian**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 7 x 2½ ins. set \$3.50

Lock-set No. **P3924½ Ionian**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 5.60

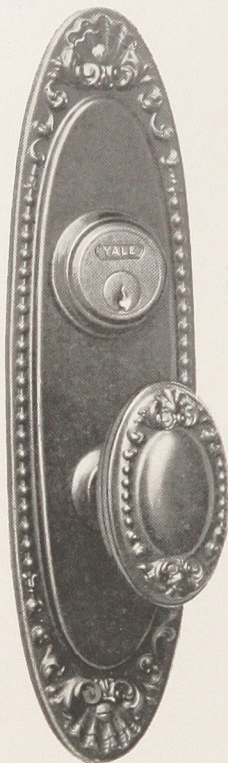
Lock-set No. **P3936½ Ionian**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 6.60

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



Cuts
one-third
size.



Lydian

Lydian Design

School—Colonial

Wrought Steel; Antique Brass or Old Copper Finish

Hardware

Oval Knobs . . .	No. SL113½	3 x 2⅝	ins.	doz.	pair	\$9.80
	“ SL114	2⅝ x 1⅝	“	“	“	9.60
Rose		2¼	“	doz.		.70
Key Plate	“ SL812	2½ x 1¼	“	“	“	.80
Escutcheon Plates		7 x 2½	“	“	“	5.20
		10½ x 2⅞	“	“	“	8.80
Cup Escutcheon . . .	“ SL854	7 x 2½	“	pair		1.05
Door Pull	“ SL43	10½ x 2⅞	“	doz.		20.00
Drop Drawer Pull . . .	“ SL1099	1¾ x 4½	“	“		4.50
Flush Sash Lift . . .	“ SL1349	1¾ x 4½	“	gross		20.00
Push Button	“ SL1415	5 x 2½	“	doz.		8.00
Push Plate	“ SL1730	10½ x 2⅞	“	“		8.80

Lock-sets for Front Doors

Lock-set No. **750 Lydian**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2⅝ ins., and 2 Escutcheon Plates 10½ x 2⅞ ins. set \$13.85

Lock-set No. **P3510 Lydian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Escutcheon Plate 10½ x 2⅞ ins.; Inside, Key Plate and Rose dozen sets 56.90

Lock-sets for Vestibule Doors

Lock-set No. **790 Lydian**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2⅝ ins.; Outside, Escutcheon Plate 10½ x 2⅞ ins.; Inside, Rose set \$10.35

Lock-set No. **P3510½ Lydian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Plate 7 x 2½ ins.; Inside, Rose, dozen sets 49.50

Lock-sets for Inside Doors

Lock-set No. **SB3316 Lydian**: Vulcan Jr. Lock No. SB3316 (p. 102); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 7 x 2½ ins. dozen sets \$17.70

Lock-set No. **SB719 Lydian**: Lock No. SB719 (p. 104); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 7 x 2½ ins. dozen sets 16.70

Lock-sets for Sliding Doors

Lock-set No. **SB3912½ Lydian**: Lock No. SB3912½, single flat (p. 108), and 2 Cup Escutcheons 7 x 2½ ins. set \$2.70

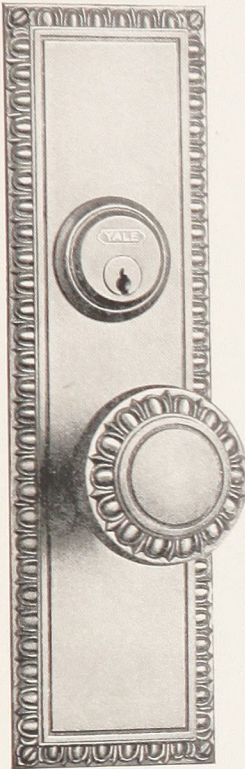
Lock-set No. **SB3924½ Lydian**: Lock No. SB3924½, double flat (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 4.25

Lock-set No. **FB3936½ Lydian**: Lock No. FB3936½, double astragal (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 5.10

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

*Cuts
one-third
size.*



Marathon

Marathon Design

School—Greek

Bronze; Old Copper Finish

Hardware

Knobs	No. 55½	2½ x 2¼	ins. doz.	pair	\$37.00
	" 156	2¼ x 2¼	" "	"	30.00
Rose	"	2¼	"	doz.	4.00
Key Plate	" 812	2 x 1¼	"	"	4.40
Escutcheon Plates	"	7 x 2½	"	"	21.45
	"	9 x 2¾	"	"	29.90
	"	10⅝ x 3	"	"	38.20
	"	10¾ x 3⅞	"	"	40.20
Cup Escutcheon	" 854	7 x 2½	"	pair	4.50
Door Pull	" 47	12 x 3	"	each	5.80
Letter Drop Plate	" 1506	2½ x 7	"	doz.	29.20
Drop Drawer Pull	" 1099	1⅝ x 4	"	"	18.00
Flush Sash Lift	" 1344	1⅝ x 3⅝	"	"	8.80
Push Button	" 1415	4⅜ x 2½	"	each	2.70
Push Plate	" 1730	12 x 3	"	doz.	44.40

Lock-sets for Front Doors

Lock-set No. **750 Marathon**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 2½ x 2¼ ins., and 2 Escutcheon Plates 10¾ x 3⅞ ins. set \$21.80

Lock-set No. **P3510 Marathon**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Escutcheon Plate 10⅝ x 3 ins.; Inside, Key Plate and Rose dozen sets 113.60

Lock-sets for Vestibule Doors

Lock-set No. **790 Marathon**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 2½ x 2¼ ins.; Outside, Escutcheon Plate 10⅝ x 3 ins.; Inside, Rose . . . set \$15.35

Lock-set No. **P3510½ Marathon**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 9 x 2¾ ins.; Inside, Rose . . . dozen sets 97.90

Lock-sets for Inside Doors

Lock-set No. **P3316 Marathon**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 7 x 2½ ins. . . . dozen sets \$84.50

Lock-set No. **P719 Marathon**: Lock No. P719 (p. 104); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 7 x 2½ ins. dozen sets 83.50

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Marathon**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 7 x 2½ ins. set \$6.70

Lock-set No. **P3924½ Marathon**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 12.00

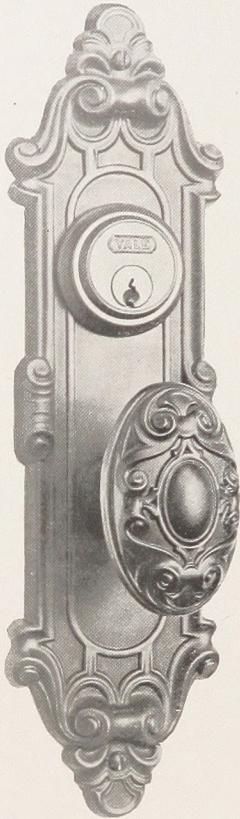
Lock-set No. **P3936½ Marathon**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 13.00

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Meridian

Meridian Design

School—Flemish

Wrought Bronze; Old Copper Finish

Hardware

Oval Knobs . . .	No.	WM13½	3 x 2⅝	ins.	doz.	pair	\$18.90
	"	WM114	2⅝ x 1⅝	"	"	"	12.40
Rose			2¼	"	doz.		2.00
Key Plate	"	WM812	3⅞ x 1⅜	"	"	"	1.60
Escutcheon Plates			8¼ x 2⅜	"	"	"	6.00
			11 x 3	"	"	"	16.00
Cup Escutcheon . . .	"	WM854	8¼ x 2⅜	"	pair		1.50
Door Pull	"	WM43	11 x 3	"	doz.		41.00
Drop Drawer Pull . .	"	WM1099	5¼ x 1¾	"	"	"	9.00
Flush Sash Lift . . .	"	WM1349	5¼ x 1¾	"	"	"	3.00
Push Button	"	WM1415	5 x 2⅜	"	"	"	9.90
Push Plate	"	WM1730	11 x 3	"	"	"	16.00

Lock-sets for Front Doors

Lock-set No. **750 Meridian**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2⅝ ins., and 2 Escutcheon Plates 11 x 3 ins. set \$16.00

Lock-set No. **P3510 Meridian**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Escutcheon Plate 11 x 3 ins.; Inside, Key Plate and Rose dozen sets 69.00

Lock-sets for Vestibule Doors

Lock-set No. **790 Meridian**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2⅝ ins.; Outside, Escutcheon Plate 11 x 3 ins.; Inside, Rose set \$11.85

Lock-set No. **P3510½ Meridian**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2⅝ x 1⅝ ins.; Outside, Plate 8¼ x 2⅜ ins.; Inside, Rose, dozen sets 54.40

Lock-sets for Inside Doors

Lock-set No. **P3316 Meridian**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 8¼ x 2⅜ ins. dozen sets \$36.00

Lock-set No. **P719 Meridian**: Lock No. P719 (p. 104); Trim, pair Knobs 2⅝ x 1⅝ ins., and 2 Escutcheon Plates 8¼ x 2⅜ ins. dozen sets 35.00

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Meridian**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 8¼ x 2⅜ ins. set \$3.70

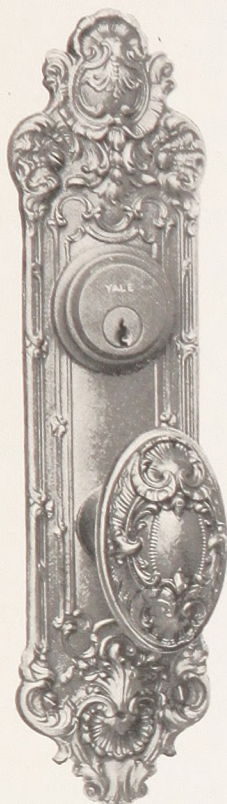
Lock-set No. **P3924½ Meridian**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 8¼ x 2⅜ ins. set 6.00

Lock-set No. **P3936½ Meridian**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 8¼ x 2⅜ ins. set 7.00

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

*Cuts
one-third
size.*



Navarro

Navarro Design

School—Louis XV

Antique Brass; or Old Copper Finish

Hardware

Oval Knobs	No. 13½	3 x 2½	ins. doz. pair	\$26.80
	" 114	2½ x 1½	" " "	17.20
Rose			doz.	4.00
Key Plate	" 812	2¾ x 1½	" " "	4.00
Escutcheon Plates		7½ x 2½	" " "	10.95
		8½ x 2¾	" " "	13.35
		11¼ x 2¾	" " "	28.35
Cup Escutcheon	" 854	8½ x 2¾	pair	2.80
Door Pull	" 47	13½ x 2¾	each	5.15
Letter Hole Plate	" 1506	2¾ x 8¾	doz.	26.00
Drop Drawer Pull	" 1199	1¾ x 5¾	" " "	16.00
Flush Sash Lift	" 1349	1¾ x 5¾	" " "	8.00
Push Button	" 1414	5½ x 2	" " "	16.00
Push Plate	" 1730	13½ x 2¾	" " "	38.35

Lock-sets for Front Doors

Lock-set No. **750 Navarro**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3 x 2½ ins., and 2 Escutcheon Plates 11¼ x 2¾ ins. set \$18.95

Lock-set No. **P3510 Navarro**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Escutcheon Plate 11¼ x 2¾ ins.; Inside, Key Plate and Rose dozen sets 90.55

Lock-sets for Vestibule Doors

Lock-set No. **790 Navarro**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3 x 2½ ins.; Outside, Escutcheon Plate 11¼ x 2¾ ins.; Inside, Rose . . . set \$13.65

Lock-set No. **P3510½ Navarro**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 8½ x 2¾ ins.; Inside, Rose, dozen sets 73.55

Lock-sets for Inside Doors

Lock-set No. **P3316 Navarro**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7½ x 2½ ins. . . dozen sets \$50.70

Lock-set No. **P719 Navarro**: Lock No. P719 (p. 104); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7½ x 2½ ins. dozen sets 49.70

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Navarro**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 8½ x 2¾ ins. set \$4.30

Lock-set No. **P3924½ Navarro**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 8½ x 2¾ ins. set 7.20

Lock-set No. **P3936½ Navarro**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 8½ x 2¾ ins. set 8.20

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Oporto

Oporto Design

School—French Renaissance

Antique Brass; or Old Copper Finish

Hardware

Oval Knobs . . .	No. 13½	3¼ x 2¾ ins.	doz. pair	\$29.60
	" 114	2¾ x 1⅝	" " "	20.00
Rose	"	2¼	doz.	4.00
Key Plate	" 812	2⅞ x 1¼	"	4.00
Escutcheon Plates	"	8⅝ x 2½	"	21.70
	"	11⅞ x 3⅞	"	31.70
Cup Escutcheon	" 854	8⅝ x 2½	pair	4.50
Door Pull	" 43	13 x 3	each	6.40
Letter Drop Plate	" 1506	2½ x 8⅜	doz.	26.00
Drop Drawer Pull	" 1099	1⅞ x 5¼	"	16.00
Flush Sash Lift	" 1349	1⅞ x 5¼	"	8.00
Push Button	" 1415	6 x 2½	"	24.00
Push Plate	" 1730	13 x 3	"	41.70

Lock-sets for Front Doors

Lock-set No. **750 Oporto**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 3¼ x 2¾ ins., and 2 Escutcheon Plates 11⅞ x 3⅞ ins. set \$19.75

Lock-set No. **P3510 Oporto**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¾ x 1⅝ ins.; Outside, Escutcheon Plate 11⅞ x 3⅞ ins.; Inside, Key Plate and Rose dozen sets 96.70

Lock-sets for Vestibule Doors

Lock-set No. **790 Oporto**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 3¼ x 2¾ ins.; Outside, Escutcheon Plate 11⅞ x 3⅞ ins.; Inside, Rose . . . set \$14.20

Lock-set No. **P3510½ Oporto**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¾ x 1⅝ ins.; Outside, Plate 8⅝ x 2½ ins.; Inside, Rose . . . dozen sets 79.70

Lock-sets for Inside Doors

Lock-set No. **P3316 Oporto**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2¾ x 1⅝ ins., and 2 Escutcheon Plates 8⅝ x 2½ ins. . . . dozen sets \$75.00

Lock-set No. **P719 Oporto**: Lock No. P719 (p. 104); Trim, pair Knobs 2¾ x 1⅝ ins., and 2 Escutcheon Plates 8⅝ x 2½ ins. dozen sets 74.00

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Oporto**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 8⅝ x 2½ ins. set \$6.70

Lock-set No. **P3924½ Oporto**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 8⅝ x 2½ ins. set 12.00

Lock-set No. **P3936½ Oporto**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 8⅝ x 2½ ins. set 13.00

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

Cuts
one-third
size.



Piedmont

Piedmont Design

School—Colonial

Buffed Brass or Bronze

Hardware

Oval Knobs	No. 13½	2¾ x 2½	ins. doz. pair	\$29.40
	" 114	2½ x 1½	" " "	23.40
Rose		2¼	" doz.	4.00
Key Plate	" 812	2 x 7/8	" " "	4.00
Escutcheon Plates		7¼ x 2½	" " "	18.80
		9 x 25/8	" " "	22.80
		11½ x 3	" " "	43.20
Cup Escutcheon	" 854	7¼ x 2½	" pair	3.95
Door Pull	" 43	11½ x 3	" each	7.35
Drop Drawer Pull	" 1099	15/8 x 4¼	" doz.	16.00
Flush Sash Lift	" 1349	15/8 x 4¼	" " "	9.20
Push Button	" 1415	5 x 2½	" " "	30.00
Push Plate	" 1730	11½ x 3	" " "	43.20

Lock-sets for Front Doors

Lock-set No. **750 Piedmont**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 2¾ x 2½ ins., and 2 Escutcheon Plates 11½ x 3 ins. set \$21.40

Lock-set No. **P3510 Piedmont**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Escutcheon Plate 9 x 25/8 ins.; Inside, Key Plate and Rose dozen sets 89.20

Lock-sets for Vestibule Doors

Lock-set No. **790 Piedmont**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 2¾ x 2½ ins.; Outside, Escutcheon Plate 11½ x 3 ins.; Inside, Rose . . . set \$14.90

Lock-set No. **P3510½ Piedmont**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2½ x 1½ ins.; Outside, Plate 7¼ x 2½ ins.; Inside, Rose, dozen sets 78.20

Lock-sets for Inside Doors

Lock-set No. **P3316 Piedmont**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7¼ x 2½ ins. . . dozen sets \$71.00

Lock-set No. **P719 Piedmont**: Lock No. P719 (p. 104); Trim, pair Knobs 2½ x 1½ ins., and 2 Escutcheon Plates 7¼ x 2½ ins. . . . dozen sets 70.00

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Piedmont**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 7¼ x 2½ ins. set \$5.90

Lock-set No. **P3924½ Piedmont**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 7¼ x 2½ ins. set 10.50

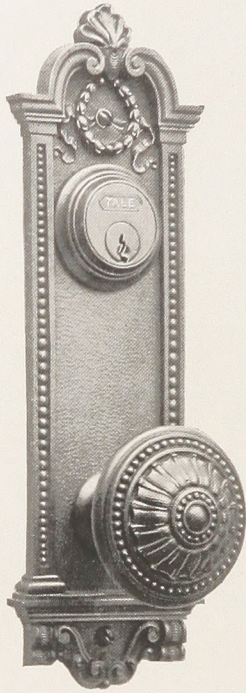
Lock-set No. **P3936½ Piedmont**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 7¼ x 2½ ins. set 11.50

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Reno

Reno Design

School—Colonial

Statuary Bronze

Hardware

Knobs	No. 55½	2½ x 2¼	ins. doz. pair	\$26.80
	" 156	2¼ x 2¼	" " "	17.20
Key Plate	" 812	2¾ x 1¾	" doz.	4.00
Escutcheon Plates	" 7	x 2¼	" " "	10.90
	" 9½	x 3	" " "	18.35
Cup Escutcheon	" 854	7 x 2½	" pair	2.30
Door Pull	" 43	12¾ x 3	" each	5.30
Letter Drop Plate	" 1506	7¾ x 2¼	" doz.	26.00
Drop Drawer Pull	" 1099	1¾ x 5½	" " "	16.00
Flush Sash Lift	" 1349	1¾ x 5½	" " "	8.00
Push Button	" 1415	5 x 2¼	" " "	24.00
Push Plate	" 1730	12¾ x 3	" " "	38.35

Lock-sets for Front Doors

Lock-set No. **750 Reno**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 2½ x 2¼ ins., and 2 Escutcheon Plates 9½ x 3 ins. set \$17.30

Lock-set No. **P3510 Reno**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Escutcheon Plate 9½ x 3 ins.; Inside, Key Plate and Rose dozen sets 78.55

Lock-sets for Vestibule Doors

Lock-set No. **790 Reno**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 2½ x 2¼ ins.; Outside, Escutcheon Plate 9½ x 3 ins.; Inside, Rose . . . set \$12.70

Lock-set No. **P3510½ Reno**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 7 x 2¼ ins.; Inside, Rose . . . dozen sets 64.10

Lock-sets for Inside Doors

Lock-set No. **P3316 Reno**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 7 x 2¼ ins. dozen sets \$50.60

Lock-set No. **P719 Reno**: Lock No. P719 (p. 104); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 7 x 2¼ ins. dozen sets 49.60

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Reno**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 7 x 2½ ins. set \$4.50

Lock-set No. **P3924½ Reno**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 7.60

Lock-set No. **P3936½ Reno**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 7 x 2½ ins. set 8.60

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.

Cuts
one-third
size.



Sorrento

Sorrento Design

School—Greek

Antique Brass; or Old Copper Finish

Hardware

Knobs	No. 55½	2½ x 2¼ ins.	doz pair	\$29.60
	" 156	2¼ x 2¼ "	" "	20.00
Rose	" "	2¼ "	doz.	4.00
Key Plate	" 812	3⅞ x 1 "	" "	4.00
Escutcheon Plates	" "	8¼ x 2¼ "	" "	16.70
	" "	11 x 3 "	" "	31.70
Cup Escutcheon	" 854	8¼ x 2¼ "	pair	3.50
Door Pull	" 43	11 x 3 "	each	6.40
Letter Drop Plate	" 1506	8 x 2 "	doz.	26.00
Drop Drawer Pull	" 1099	1½ x 5⅜ "	" "	16.00
Flush Sash Lift	" 1349	1½ x 5⅜ "	" "	8.00
Push Button	" 1415	5⅞ x 2 "	" "	24.00
Push Plate	" 1730	11 x 3 "	" "	31.70

Lock-sets for Front Doors

Lock-set No. **750 Sorrento**: Cylinder Lock No. 750 (p. 100); Trim, pair Knobs 2½ x 2¼ ins., and 2 Escutcheon Plates 11 x 3 ins. set \$19.50

Lock-set No. **P3510 Sorrento**: Bit Key Lock No. P3510 (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Escutcheon Plate 11 x 3 ins.; Inside, Key Plate and Rose dozen sets 96.70

Lock-sets for Vestibule Doors

Lock-set No. **790 Sorrento**: Cylinder Lock No. 790 (p. 100); Trim, pair Knobs 2½ x 2¼ ins.; Outside, Escutcheon Plate 11 x 3 ins.; Inside, Rose . . . set \$14.20

Lock-set No. **P3510½ Sorrento**: Bit Key Lock No. P3510½ (p. 101); Trim, pair Knobs 2¼ x 2¼ ins.; Outside, Plate 8¼ x 2¼ ins.; Inside, Rose, dozen sets 74.70

Lock-sets for Inside Doors

Lock-set No. **P3316 Sorrento**: Vulcan Jr. Lock No. P3316 (p. 102); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 8¼ x 2¼ ins. . . dozen sets \$65.00

Lock-set No. **P719 Sorrento**: Lock No. P719 (p. 104); Trim, pair Knobs 2¼ x 2¼ ins., and 2 Escutcheon Plates 8¼ x 2¼ ins. dozen sets 64.00

Lock-sets for Sliding Doors

Lock-set No. **P3912½ Sorrento**: Lock No. P3912½, single flat (p. 108), and 2 Cup Escutcheons 8¼ x 2¼ ins. set \$5.70

Lock-set No. **P3924½ Sorrento**: Lock No. P3924½, double flat (p. 108), and 4 Cup Escutcheons 8¼ x 2¼ ins. set 10.00

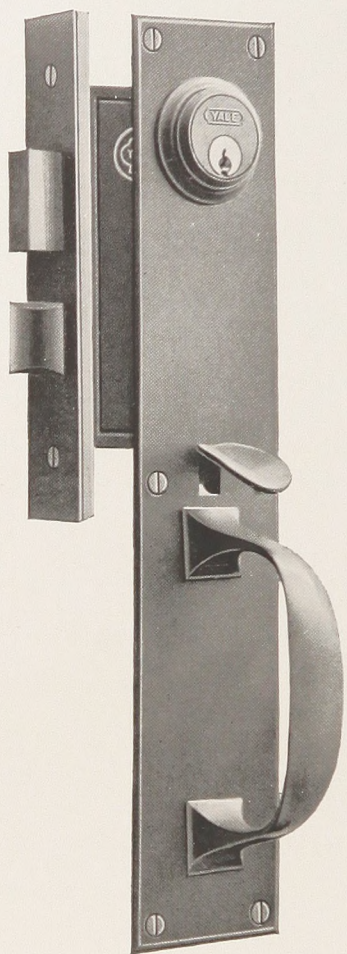
Lockset No. **P3936½ Sorrento**: Lock No. P3936½, double astragal (p. 108), and 4 Cup Escutcheons 8¼ x 2¼ ins. set 11.00

Packed: one set in a box, with screws.

For Plain and Ornamental Store Door Sets see pages 126 to 134.



*Cuts
one-third
size.*



Lock No. 414 with Trim

Store Door Lock-sets

Yale Cylinder

With Trim as below

No. 414 Lock: Case 5 x 3 x 1 inches, Japanned Iron; Front, bolts, cylinder and strike, Bronze; Backset, 2¼ inches; Reversible, for doors of either hand; 3 Paracentric keys; Operated, latch bolt by thumb-piece from either side, dead bolt by key from either side each \$10.00

Trim: Pair Wo6314 Solid rolled Bronze
Handles, 13 x 2½ inches 6.70

Lock-set, Bronze, buffed set \$16.70
“ Old Copper finish . . . “ 17.90

No. 432 Lock: Case 5 x 3½ x 1 inches,
Backset, 2¾ inches; otherwise same as
No. 414 above each \$10.00

Trim: Pair Wo6314 Solid rolled Bronze
Handles, 13 x 2½ inches 6.70

Lock-set, Bronze, buffed set \$16.70
“ Old Copper finish . . . “ 17.90

Nos. 414 or 432 Locks (\$10.00), with pair **No. Wo6314B** Solid rolled Bronze
Handles, 13 x 2½ inches (page 129), \$7.70 . Lock-set, Bronze, buffed, set \$17.70
“ Old Copper finish “ 18.90

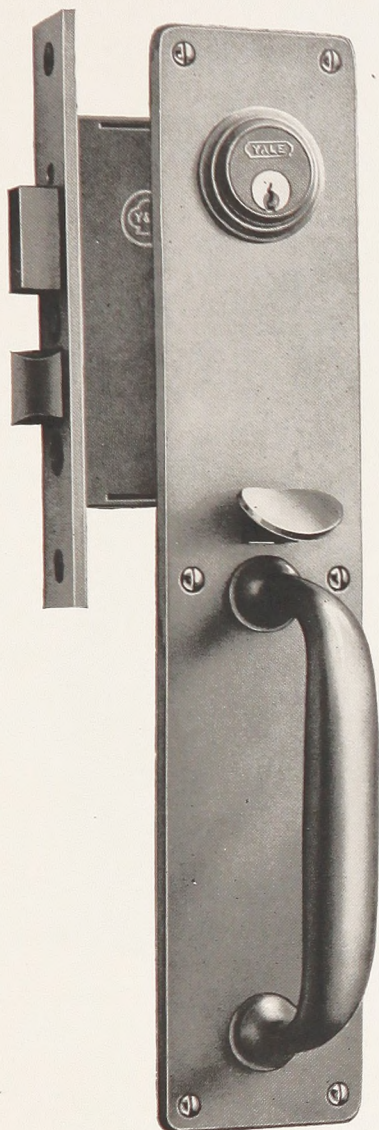
Nos. 414 or 432 Locks (\$10.00), with pair **No. 614** Cast Bronze Handles, 16 x 3½
inches (page 129), \$13.85 Lock-set, Bronze, buffed, set 23.85
“ Old Copper finish “ 25.05

Nos. 414 or 432 Locks (\$10.00), with pair **No. 334** Cast Bronze Handles, 15 x 3
inches (page 129), \$11.85 Lock-set, Bronze, buffed, set 21.85
“ Old Copper finish “ 23.05

Packed: one set in a box, with screws.

For Ornamental Store Door Sets see pages 130 to 134.

Cuts
one-third
size.



Lock No. 732 with Trim

Store Door Lock-sets

Yale Cylinder

With Trim as below

No. **732 Lock**: Case $5\frac{1}{4} \times 3\frac{5}{8} \times 1$ inches, Japanned Iron; Front, bolts, cylinder and strike, Bronze; Backset, $2\frac{3}{4}$ inches; Not Reversible, specify hand when ordering; 3 Paracentric keys; Operated, Latch bolt by thumb-piece from either side, dead bolt by key from either side; Outer thumb-piece may be set by stop . . . each \$12.00

Trim: Pair No. 714 Cast Bronze Handles, 15×3 inches . . . 11.85
Lock-set, Bronze, buffed . . . set \$23.85
“ Old Copper finish . . . “ 25.05

No. **732 Lock** (\$12.00), with pair No. **W06314** Solid rolled Bronze Handles, $13 \times 2\frac{1}{2}$ inches (page 129) . . . \$6.70
Lock-set, Bronze, buffed . . . set 18.70
“ Old Copper finish . . . “ 19.90

No. **732 Lock** (\$12.00), with pair No. **W06314B** Solid rolled Bronze Handles, $13 \times 2\frac{1}{2}$ inches (page 129) . . . \$7.70
Lock-set, Bronze, buffed . . . set 19.70
“ Old Copper finish . . . “ 20.90

No. **732 Lock** (\$12.00), with pair No. **334** Cast Bronze Handles, 15×3 inches (page 129), \$11.85 . . . Lock-set, Bronze, buffed, set \$23.85
“ Old Copper finish “ 25.05

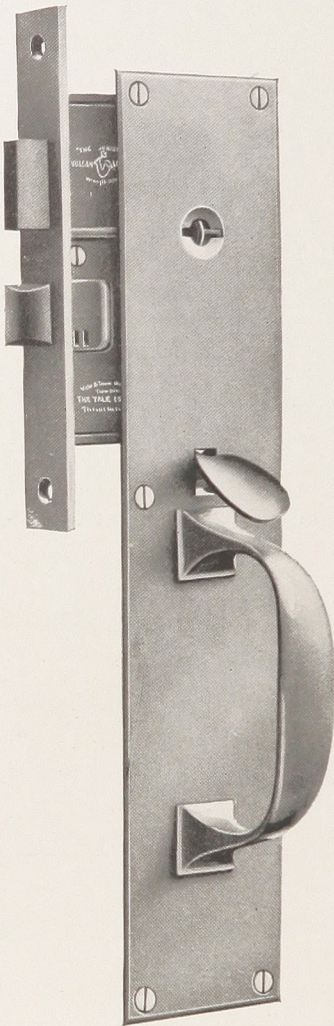
No. **732 Lock** (\$12.00), with pair No. **614** Cast Bronze Handles, $16 \times 3\frac{5}{8}$ inches, (page 129), \$13.85 . . . Lock-set, Bronze, buffed, set \$25.85
“ Old Copper finish “ 27.05

Packed: one set in a box, with screws.

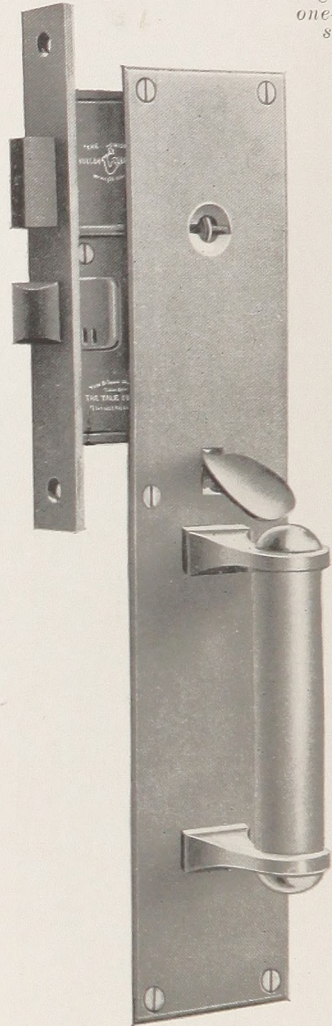
For Ornamental Store Door Sets see pages 130 to 134.



*Cuts
one-third
size.*



Lock No. P2533 with Trim



Lock No. P2533 with Trim

Store Door Lock-sets

Solid Rolled Bronze, or Old Copper

No. **P2533 Lock:** Case $5 \times 3\frac{1}{8} \times \frac{5}{8}$ inches, Bronze Plated Steel; Front, bolts and strike, Bronze; Backset, $2\frac{1}{8}$ inches; Reversible, for doors of either hand; 2 Nickel plated flat steel keys; 3 Tumblers, 36 changes; Operated, Latch bolt by thumb-piece from either side, dead bolt by key from either side . . . each \$4.20
Trim: Pair No. **W06310** Handles, $13 \times 2\frac{1}{2}$ inches 5.80

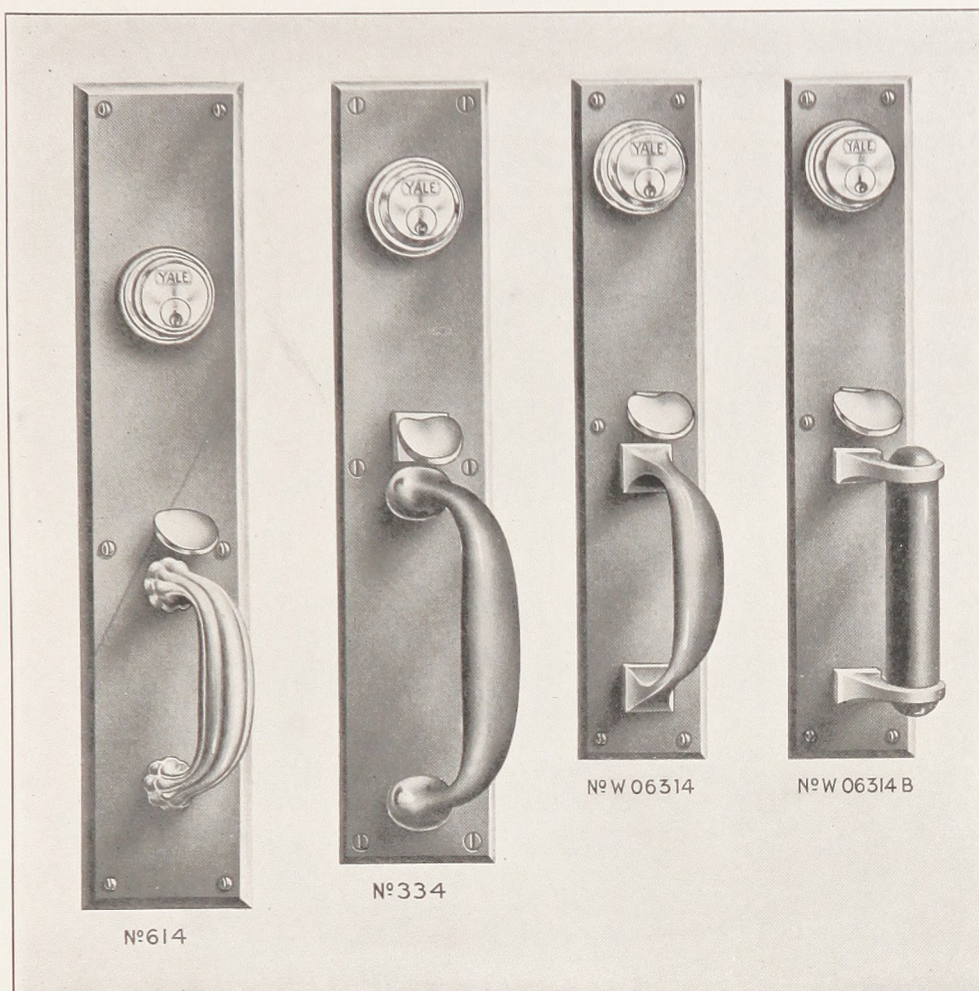
Lock-set, Bronze, buffed set \$10.00
 " Old Copper finish " 11.20

No. **P2533 Lock:** with No. **W06310B** Handles, $13 \times 2\frac{1}{2}$ inches (\$6.80.

Lock-set, Bronze, buffed set 11.00
 " Old Copper finish " 12.20

Packed: each in a box, with screws.

For Ornamental Store Door Sets see pages 130 to 134.



Cuts about $\frac{1}{4}$ size.

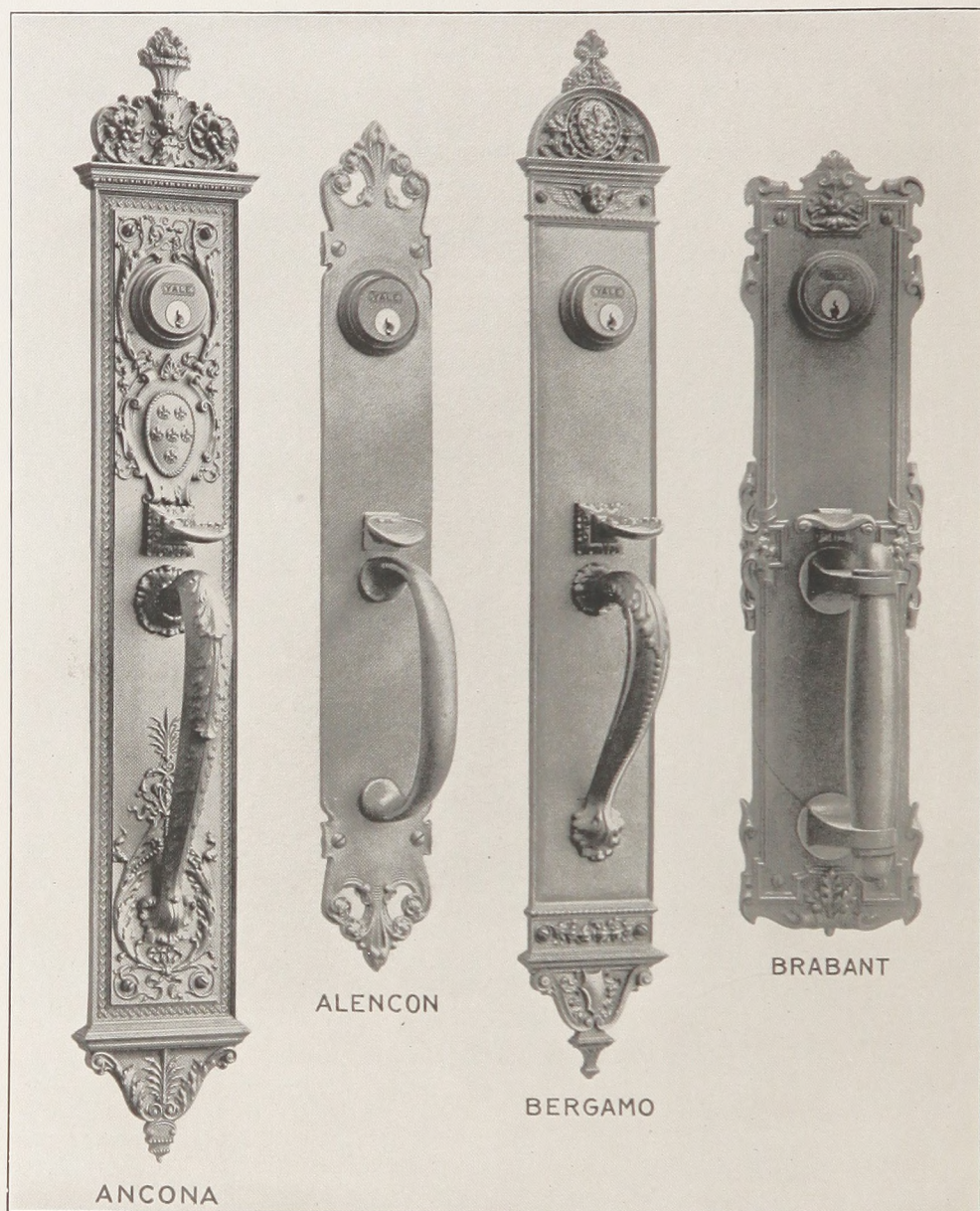
Store Door Lock-sets

Bronze, Buffed, or Old Copper Finish

No. 614 Handles, 1 pair, Cast Bronze, 16 x 3 $\frac{3}{8}$ ins., \$13.85, with Nos. 414 or 432 Locks (page 126), \$10.00	Lock-set, Bronze, buffed, set " Old Copper finish "	\$23.85 25.05
No. 334 Handles, 1 pair, Cast Bronze, 15 x 3 ins., \$11.85, with Nos. 414 or 432 Locks (page 126), \$10.00	Lock-set, Bronze, buffed, set " Old Copper finish "	21.85 23.05
No. W06314 Handles, 1 pair, Solid Rolled Bronze, 13 x 2 $\frac{1}{2}$ ins., \$6.70, with Nos. 414 or 432 Locks (page 126), \$10.00	Lock-set, Bronze, buffed, set " Old Copper finish "	16.70 17.90
No. W06314B Handles, 1 pair, Solid Rolled Bronze, 13 x 2 $\frac{1}{2}$ ins., \$7.70, with Nos. 414 or 432 Locks (page 126), \$10.00	Lock-set, Bronze, buffed, set " Old Copper finish "	17.70 18.90

Packed : one set in a box, with screws.

For Ornamental Store Door Sets see pages 130 to 134.

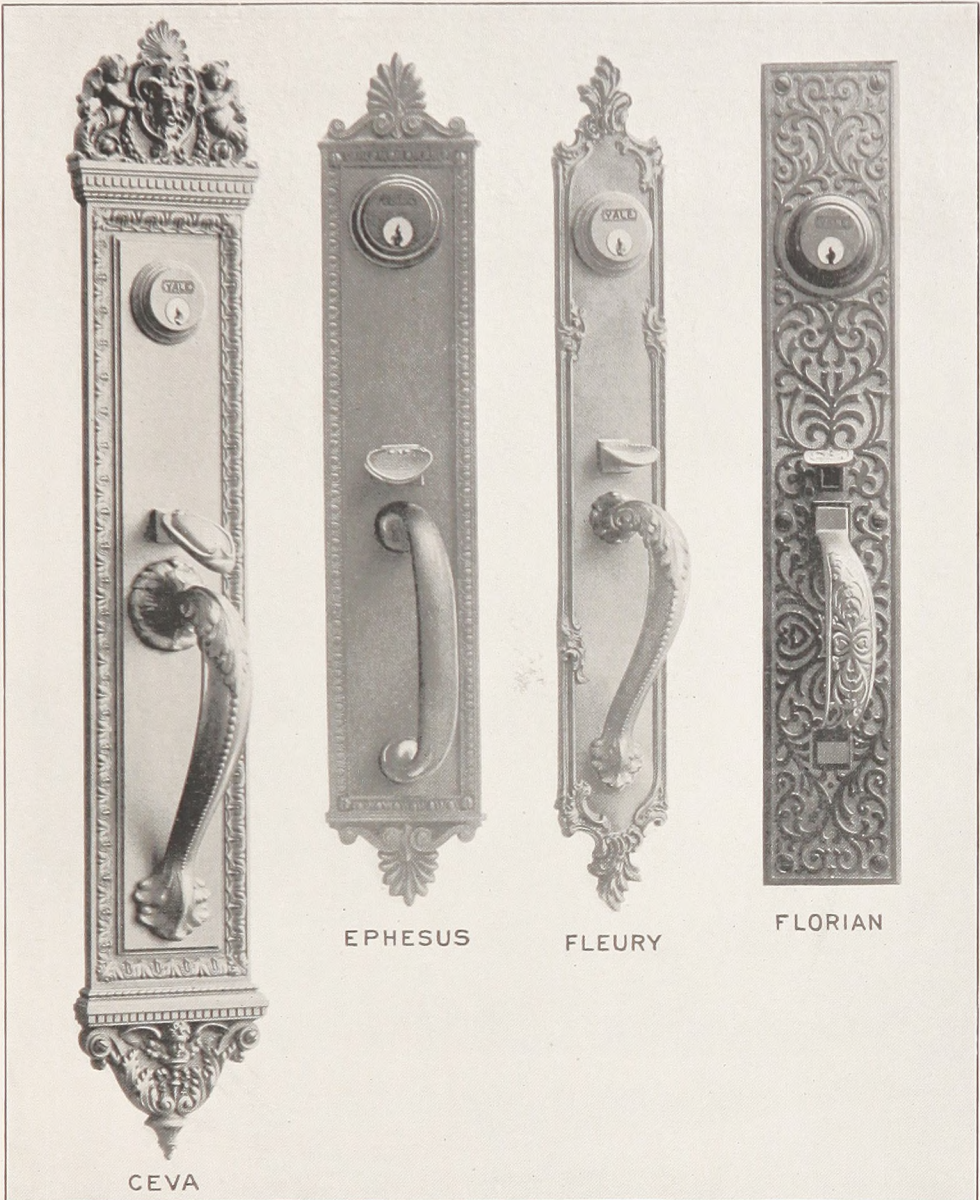


Ornamental Lock-sets for Store Doors

With Nos. 414 or 432 Locks (page 126). Cuts about $\frac{1}{4}$ size.

1 pair Handles.	Length.	Per pair.	Finish.	Lock.	Per set.
Ancona	23 $\frac{3}{4}$ ins.	\$71.35	Oxidized Silver	\$10.00	\$81.35
Alencon	17 $\frac{3}{4}$ "	16.80	Antique Copper	"	26.80
Bergamo	22 "	38.00	"	"	48.00
Brabant	16 "	38.00	Green Bronze	"	48.00

Packed: one set in a box, with screws.

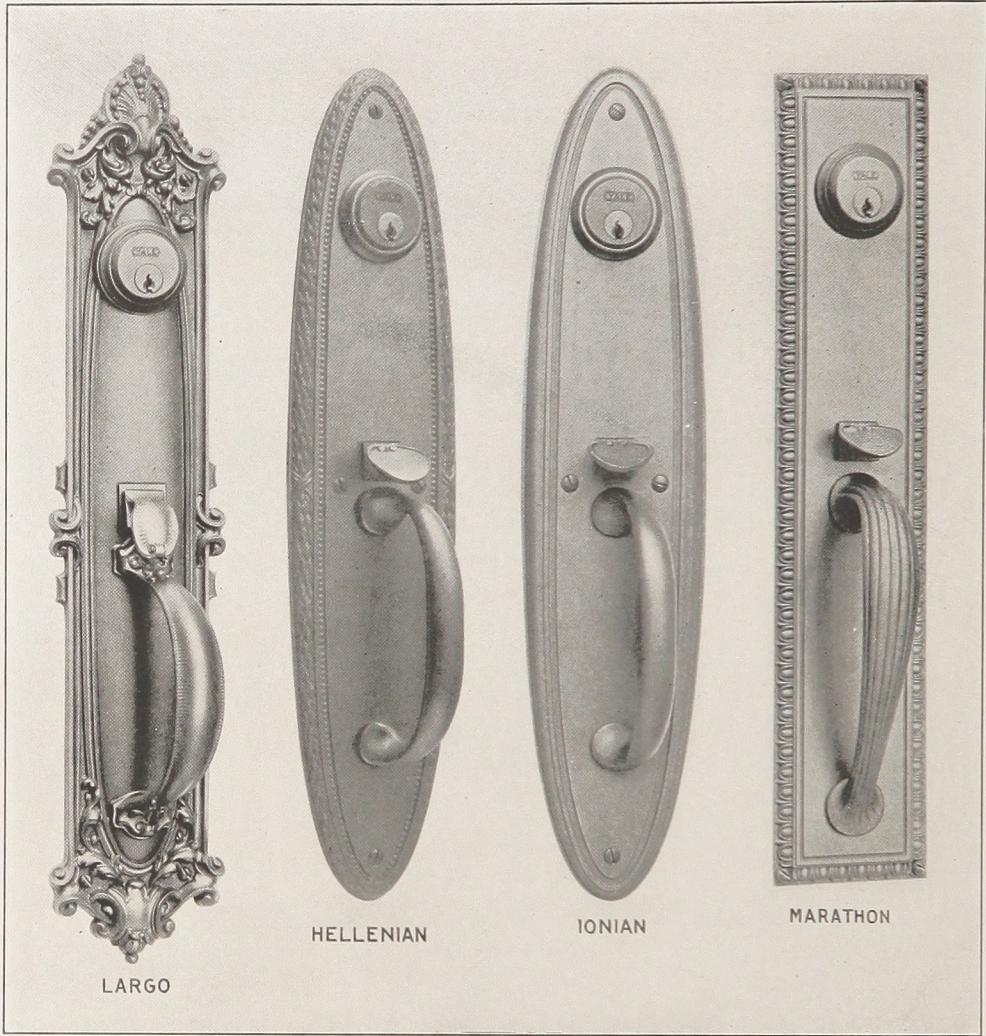


Ornamental Lock-sets for Store Doors

With Nos. 414 or 432 Locks (page 126). Cuts about $\frac{1}{4}$ size.

1 pair, Handles.	Length.	Per pair.	Finish.	Lock.	Per set.
Ceva	24 ins.	\$57.80	Oxidized Silver	\$10.00	\$67.80
Ephesus	17 $\frac{1}{2}$ "	30.65	Old Copper	"	40.65
Fleury	18 "	20.00	"	"	30.00
Florian	17 "	9.20	Bronze, Ebonized matte	"	19.20

Packed: one set in a box, with screws.



Ornamental Lock-sets for Store Doors

With Nos. 414 or 432 Locks (page 126). Cuts about $\frac{1}{4}$ size.

1 pair Handles.	Length.	Per pair.	Finish.	Lock.	Per set.
Largo	18 ins.	\$13.65	Old Copper	\$10.00	\$23.65
Hellenian	16 "	13.30	Antique Brass	"	23.30
"	16 "	13.30	Old Copper	"	23.30
Ionian	16 "	13.30	Antique Brass	"	23.30
"	16 "	13.30	Old Copper	"	23.30
Marathon	15 "	13.70	" "	"	23.70

Packed : one set in a box, with screws.

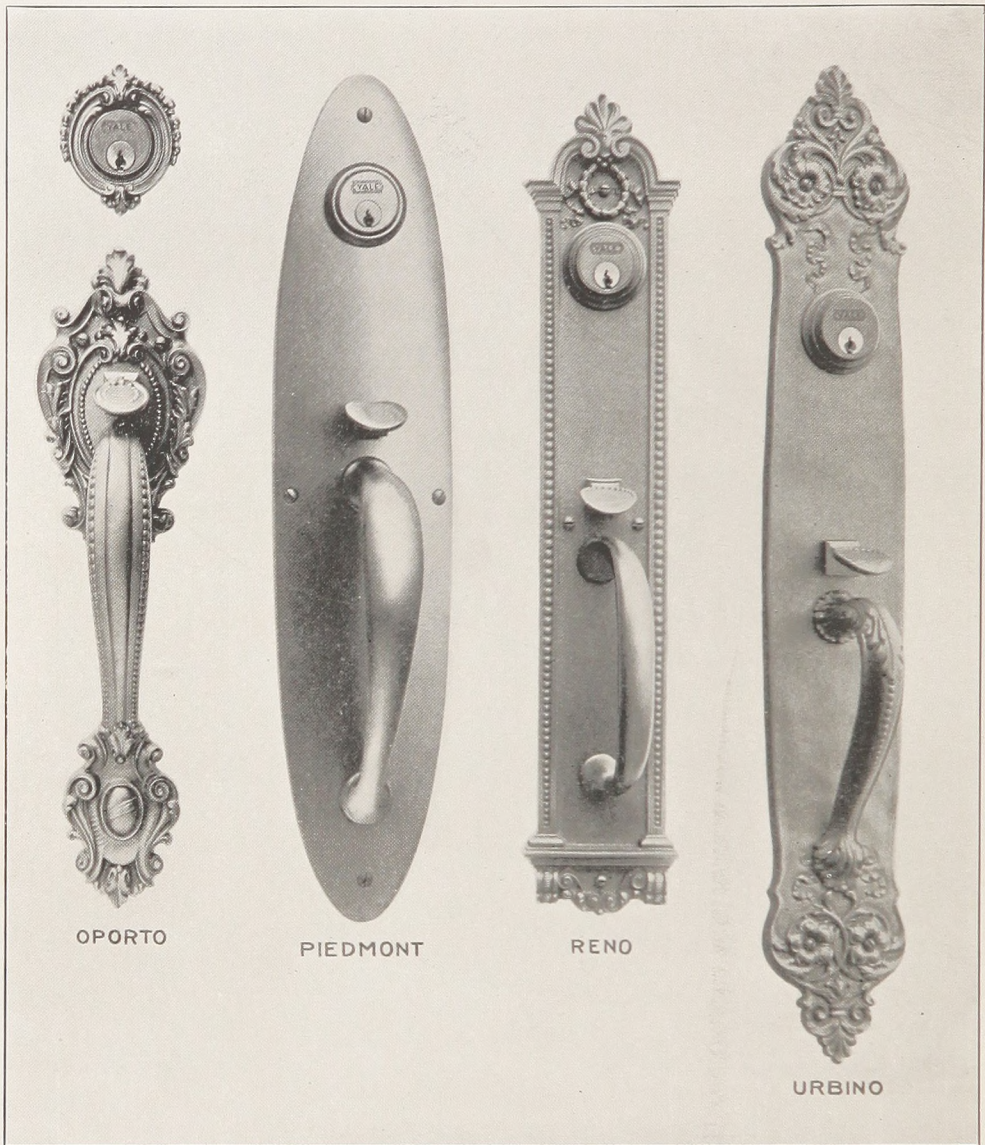


Ornamental Lock-sets for Store Doors

With Nos. 414 or 432 Locks (page 126). Cuts about $\frac{1}{4}$ size.

1 pair Handles.	Length.	Per pair.	Finish.	Lock.	Per set.
Marly	20 $\frac{1}{4}$ ins.	\$20.00	Old Copper	\$10.00	\$30.00
Medici	20 $\frac{5}{8}$ "	54.70	Oxidized Silver	"	64.70
Mystic	10 $\frac{3}{8}$ "	15.75	Buffed Brass or Bronze	"	25.75
"	10 $\frac{3}{8}$ "	16.95	Old Copper	"	26.95
Navarro	18 "	12.00	Antique Brass	"	22.00
"	18 "	12.00	Old Copper	"	22.00

Packed : one set in a box, with screws.



Ornamental Lock-sets for Store Doors

With Nos. 414 or 432 Locks (page 126). Cuts about $\frac{1}{4}$ size.

1 pair Handles.	Length.	Per pair.	Finish.	Lock.	Per set.
Oporto	18 $\frac{1}{2}$ ins.	\$15.50	Antique Brass	\$10.00	\$25.50
"	18 $\frac{1}{2}$ "	15.50	Old Copper	"	25.50
Piedmont	18 "	17.50	Buffed Brass or Bronze	"	27.50
Reno	17 "	12.50	Statuary Bronze	"	22.50
Urbino	20 $\frac{3}{4}$ "	22.50	Antique Brass	"	32.50
"	20 $\frac{3}{4}$ "	22.50	Old Copper	"	32.50

Packed: one set in a box, with screws.

Keys and Blanks

Repair Work

IN addition to the facilities at our Works, Stamford, Conn., and for the convenience of our trade customers, we maintain at our General Offices, New York, and at each of our Branch Offices, Boston, Philadelphia, and Chicago, a well equipped repair department, in charge of expert workmen. From each of these we execute orders for repair work of all kinds, for duplicate and extra keys, master-keyed locks, etc., and customers may consult their own convenience in sending such orders to any of these addresses, although, where conditions permit, it is better to address them to New York.

Duplicate and extra keys can be made from any of our key blanks by the facilities available in any well equipped locksmith's shop, but such keys (especially for the Yale Lock) will usually be more accurate and their action in the lock better, if made by our special machine process than if made by hand. In the case of repairs to Yale Locks, Blount Door Checks, and other specialties, the work will also usually be found more satisfactory if done by our experts than by other mechanics, who, however skillful, are less experienced in this particular line.

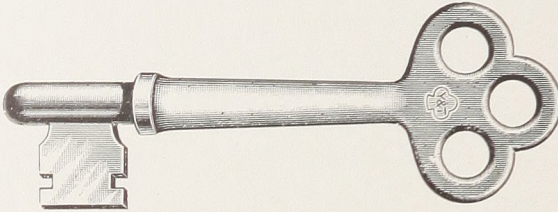
Locksmiths and others who purchase blank keys should always give preference to those made by the makers of the locks with which they are to be used, as those furnished by other key-makers are never of equal quality, and are liable to involve so much additional trouble in fitting them to the locks as to more than offset any ordinary difference in price.

For the convenience of locksmiths and others who make a specialty of repairing Yale Locks, we furnish key-bitting files, of special section, and also a complete "kit" of tools, for which prices will be quoted on application.

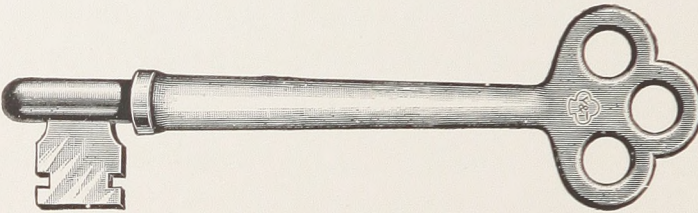


*Cuts
actual
size.*

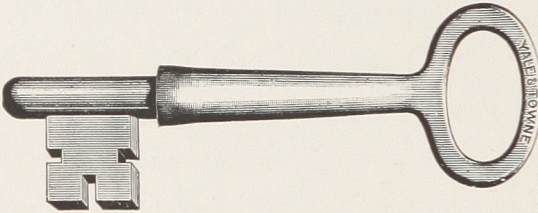
Malleable Iron Keys—Tinned.



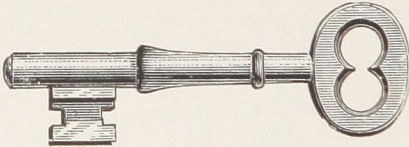
No. **M31**—For locks Nos.
SB3316, A3316, P3316,
per gross, \$3.90



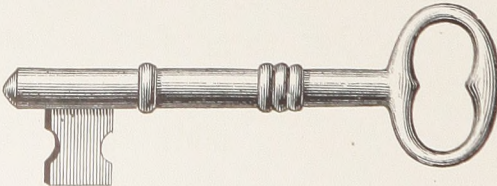
No. **M33**—For
lock No. 5311,
per gross, . . . \$3.90



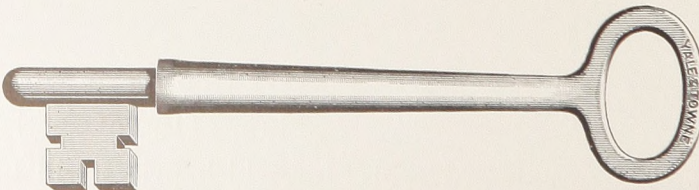
No. **M140**—For locks not
listed, per gross \$2.40



No. **500**—For locks not listed, per gross, \$2.40



No. **501**—For locks not listed, per
gross, \$2.40



No. **M507**—For
locks Nos.
358, 0369 $\frac{3}{4}$,
0373 $\frac{3}{4}$, 1455,
1972 $\frac{1}{4}$, per
gross, . . . \$2.40

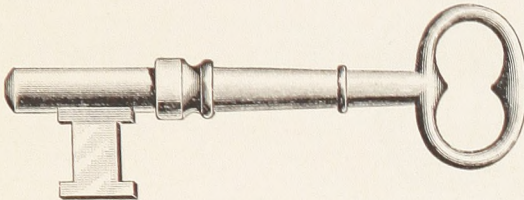
Packed : 3 dozen in a box.

Cuts
actual
size.

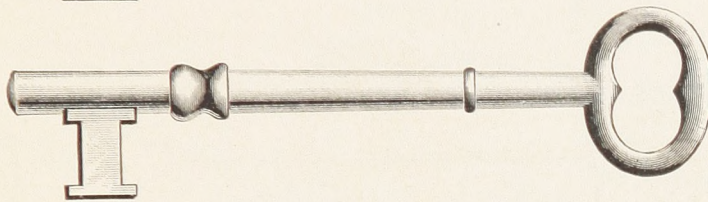


Malleable Iron Keys—Tinned

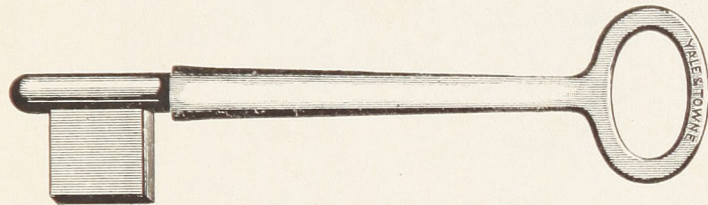
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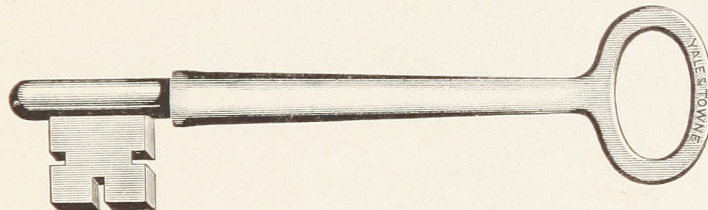
No. 509—Pass key for Mortise locks, will operate any common mortise lock, per gross, \$2.40



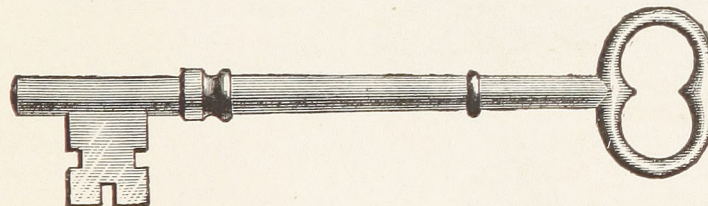
No. 510—Pass key for Rim locks, will operate any common Rim lock, per gross, . . . \$2.40



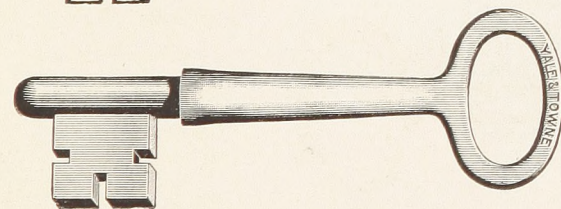
No. 515—Blank for filing for keys, per gross, \$3.00



No. M520—For locks not listed, per gross, . . . \$2.40



No. 522—For locks not listed, per gross, . . . \$3.00



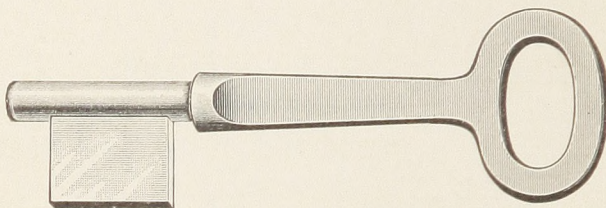
No. M528—For locks not listed, per gross, . . . \$2.40

Packed: 3 dozen in a box.



*Cuts
actual
size.*

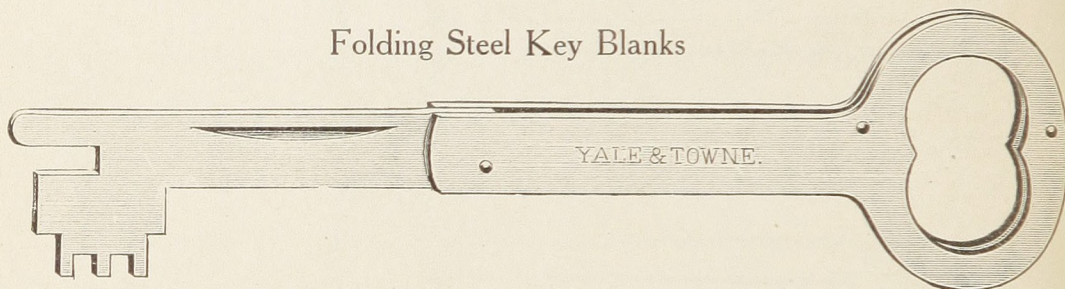
Malleable Iron Keys—Tinned (Continued)



No. 535—Can be fitted
for any Mortise lock,
per gross, . . . \$3.00

Packed : 3 dozen in a box.

Folding Steel Key Blanks



No. 288—For lock No. 1145, per dozen	\$3.00
292—For lock No. 0341 "	3.00
294—For lock No. 0334 "	3.00
295—For lock No. 1102 "	3.00

Packed : 1 dozen in a box.

Solid Steel Key Blanks



No. S30—For locks not
listed, per dozen, . . \$1.70



No. S31—For locks Nos.
SB3316, A3316, P3316,
per dozen, . . . \$1.40

Packed : 3 dozen in a box.

Prices of Bitted keys on application.

Cuts
actual
size.



Solid Steel Key Blanks

(Continued)



No. S33—For
locks Nos. 5304,
5309, 5310, per
dozen, . . . \$1.40



No. S34—For
locks not list-
ed, per dozen, \$1.40



No. 034—For locks not
listed, per dozen, . . \$1.40



No. S40—Change key
for "Vulcan Jr." locks
when Master-keyed,
per dozen, . . . \$1.40



No. S45—For lock No.
P2230, per dozen, . . \$1.70



No. S50—For locks Nos.
1300, 1500, 1620, per
dozen, . . . \$1.40

Packed: 3 dozen in a box.
Prices of Bitted keys on application.



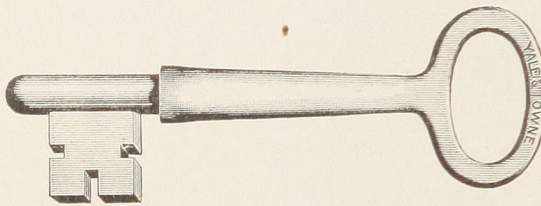
*Cuts
actual
size.*

Solid Steel Key Blanks

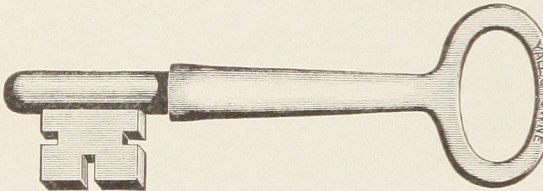
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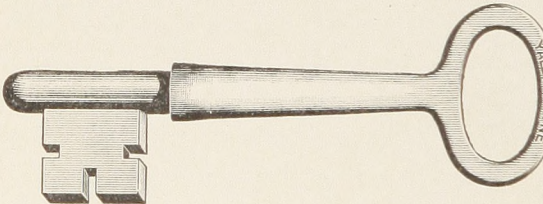
No. S51—For
Mortise
locks when
used on
heavy doors,
per dozen, \$1.40



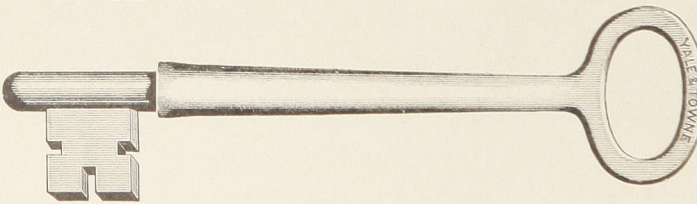
No. S140—For locks Nos.
SB719, P719, per dozen . \$1.20



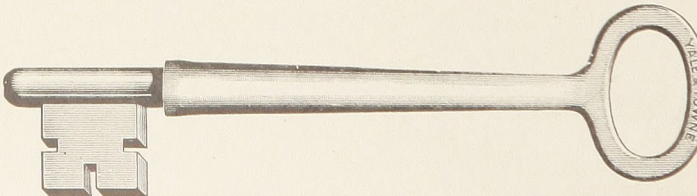
No. S144—For locks not list-
ed, per dozen, \$1.20



No. S145—For locks not list-
ed, per dozen, \$1.20



No. S240—For
locks not list-
ed, per dozen, \$1.20



No. S245—For
locks Nos.
234, 236, 4300,
4620, per dozen \$1.20

Packed : 3 dozen in a box.

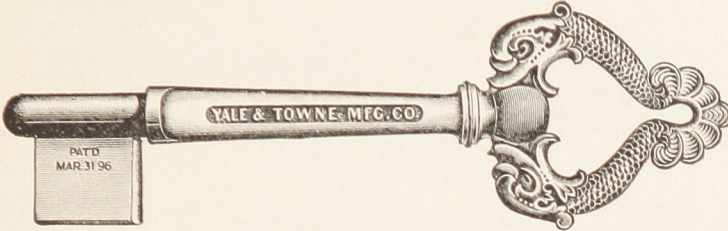
Prices of Bitted keys on application.

Cuts
actual
size.

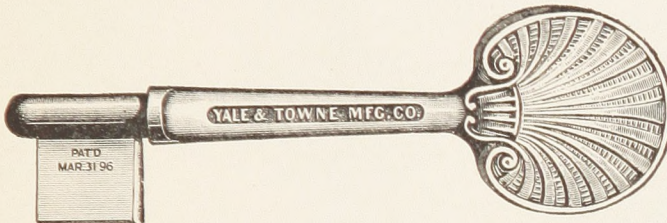


Solid Steel Key Blanks

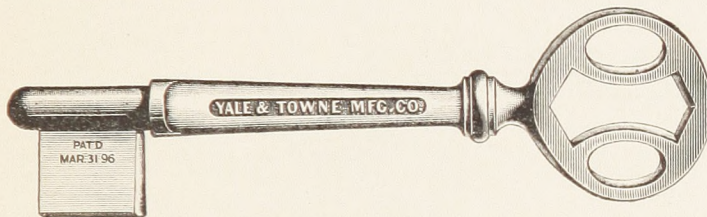
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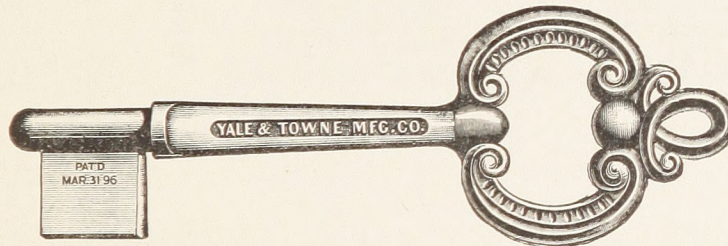
No. S750—
For locks
not listed,
per dozen, \$3.40



No. S751—For
locks not listed,
per dozen, . . \$3.40

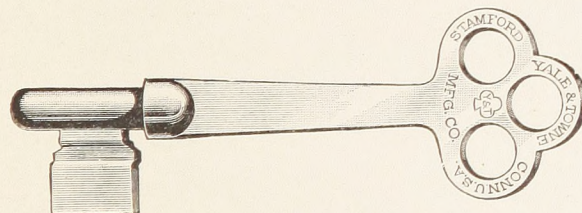


No. S752—For
locks not list-
ed, per dozen, \$3.40



No. S753—
For locks
not listed,
per dozen, \$3.40

Composite Steel Key Blanks



No. 37—For locks Nos.
P3510, P3510½, per
dozen, \$1.20

Packed : 3 dozen in a box.

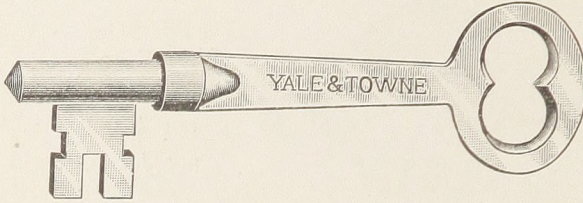
Prices of Bitted keys on application.



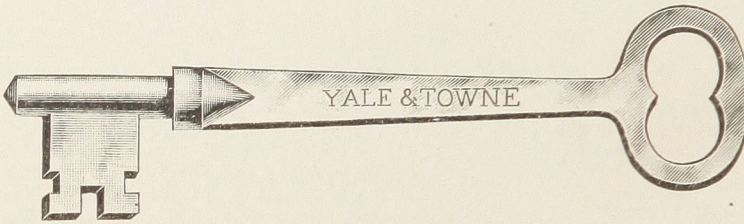
*Cuts
actual
size.*

Composite Steel Key Blanks

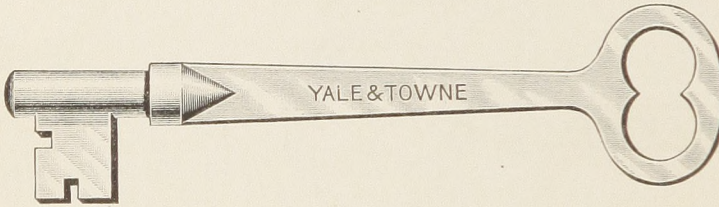
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No. 262—For locks not
listed, per dozen, . . \$1.40



No. 312½—
For locks
not listed,
per dozen, \$1.20

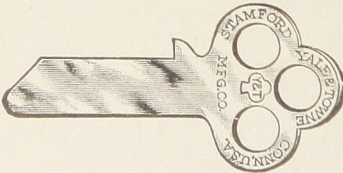


No. 315—
For lock
No. 248,
per dozen, \$1.20

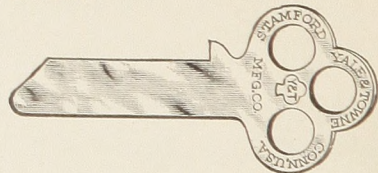


No. 328—For locks not listed per dozen, \$2.00

Padlock Key Blanks



No. 1½—For locks Nos. 803, 803N,
8003, per gross, \$3.50



No. 2½—For locks Nos. 801, 801N,
802, 802N, per gross, \$3.50

Packed: 3 dozen in a box.

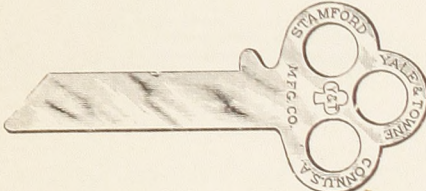
Prices of Bitted keys on application.

Cuts
actual
size.

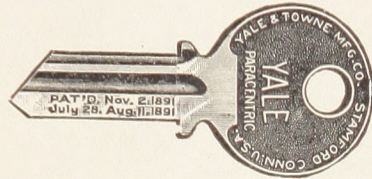


Padlock Key Blanks

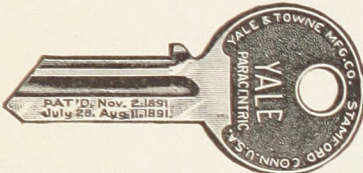
(Continued)



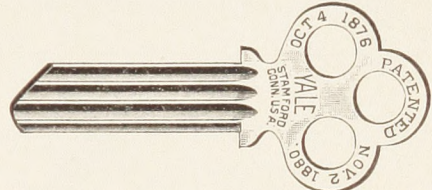
No. 3½—For locks Nos. 805, 805N,
806, 8005, 8006, per gross, . . . \$3.50



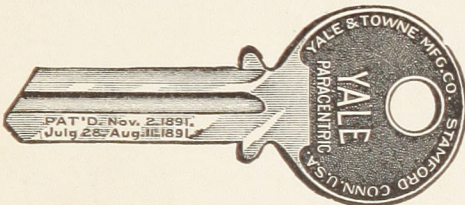
No. 10—For locks Nos. 733, 733MK,
733½, 733½MK, 830, 830½, 831,
831½, 8030, 8030½, 8031, 8031½,
per dozen, . . . \$2.00



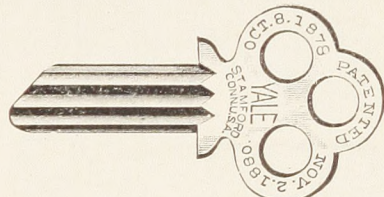
No. 10½—For locks Nos. 231J,
231½J, 231V, 231½V, 232J,
232½J, 232V, 232½V, per dozen, \$2.00



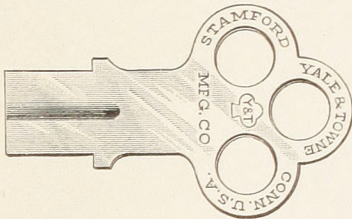
No. 6—For locks Nos. S53, S53N,
A53, S503, A503, per dozen, . . . \$1.85



No. 8—For locks Nos. 753, 753½,
840, 840½, 850, 850½, 8040, 8040½,
8050, 8050½, 870, 8070, 870½,
8070½, per dozen, . . . \$2.00

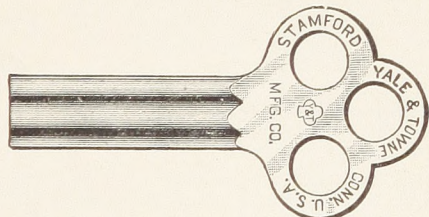


No. 16—For locks Nos. S43, S43N,
A43, S403, A403, per dozen, . . . \$1.85



No. K26—For locks Nos. 437,
437½, S855, A855, S8055, A8055,
per dozen, . . . \$1.60

K25—Same as K26, but 1½ ins.;
for locks Nos. 237, 237½, per dozen .60



No. K28—For locks Nos. S888,
A888, per dozen, . . . \$1.60

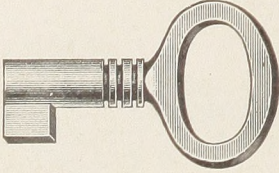
Packed: 3 dozen in a box.

Prices of Bitted keys on application.

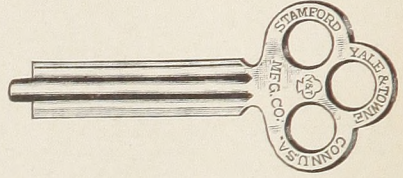


Padlock Key Blanks

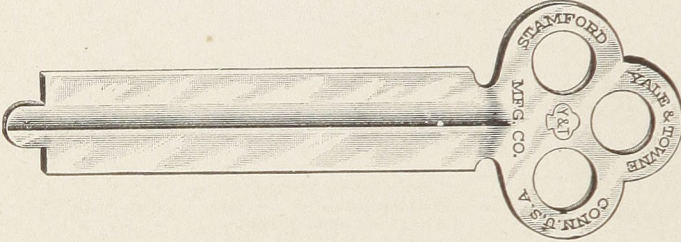
(Continued)

Cuts
actual
size.

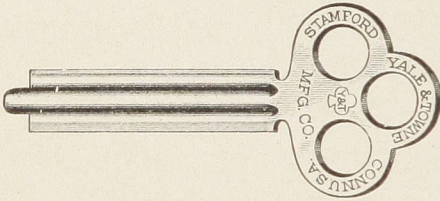
No. K35—For locks Nos. KS35,
KA35, per dozen, \$90



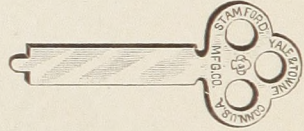
No. 67—For locks Nos. 8434, 84034,
per dozen, \$70



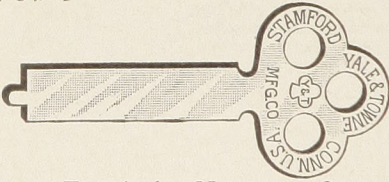
No. 64—For
locks Nos.
893, 8093½,
per dozen, . \$1.20



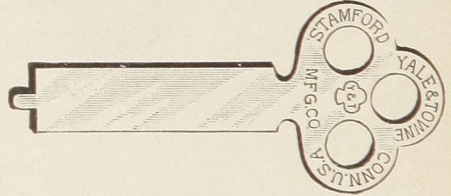
No. 68—For locks Nos. 8454, 8454N,
84054, per dozen, \$70



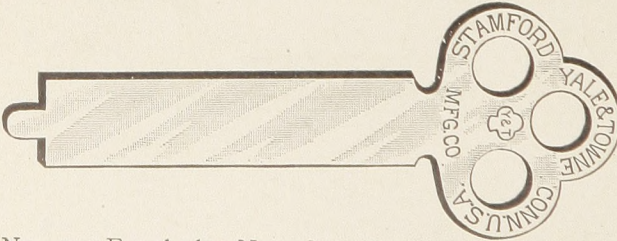
No. 76—For locks Nos. 813, 814,
823, 824, 8013, 8013B, 8013F, 8014,
8023, 8024, per dozen, \$60



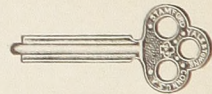
No. 77—For locks Nos. 230, 833,
834, 843, 844, 8033, 8034, 8043, 8044,
per dozen, \$60



No. 78—For locks Nos. 430, 853,
854, 863, 864, 8053, 8054, 8063,
8064, 8454V, 84054V, per dozen, \$60



No. 74—For locks Nos. 893, 894,
8093, 8094, per dozen, \$70



No. 82—For locks Nos.
1803, 1803G, per dozen \$60

Packed: 3 dozen in a box.

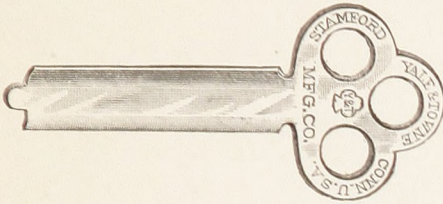
Prices of Bitted keys on application.

Cuts
actual
size.



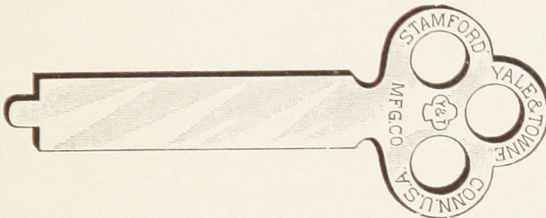
Padlock Key Blanks

(Continued)

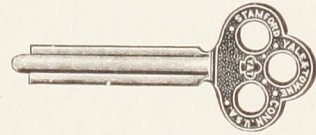


No. 78S—For locks Nos. 853, 854,
863, 864, 8053, 8054, 8063, 8064,
per dozen, \$.70

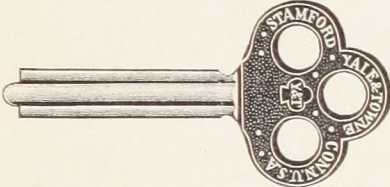
74S—Same as No. 78S, but $2\frac{7}{8}$
ins. For locks Nos. 893, 8093, per
dozen, \$.70



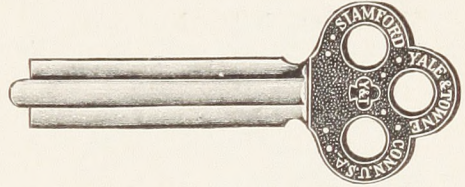
No. 79—For locks Nos. 873, 874,
8073, 8074, 8373, per dozen, . . . \$.60



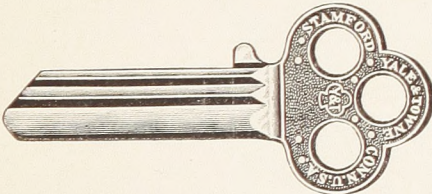
No. 86—For locks Nos. 813,
814, 823, 824, 8013, 8013B,
8013F, 8014, 8023, 8024, 8414,
84014, per dozen, \$.60



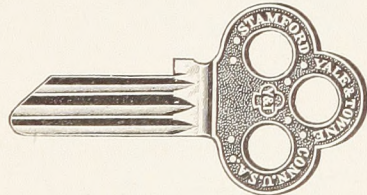
No. 87—For locks Nos. 833, 834,
843, 844, 8033, 8034, 8043, 8044,
8434, 84034, per dozen, . . . \$.60



No. 88—For locks Nos. 853, 854,
863, 864, 8053, 8054, 8063, 8064,
8454, 8454N, 8454V, 84054, 84054V,
per dozen, \$.60



No. 106 $\frac{1}{2}$ —For locks Nos. 905,
9005, per dozen, \$.85



No. 116 $\frac{1}{2}$ —For locks Nos. 903,
9003, per dozen, \$.85

Packed: 3 dozen in a box.

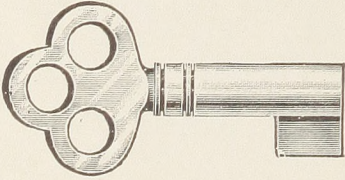
Prices of Bitted keys on application.



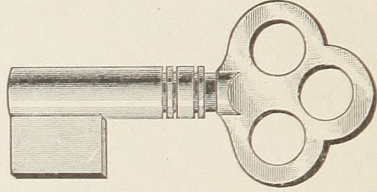
*Cuts
actual
size.*

Padlock Key Blanks

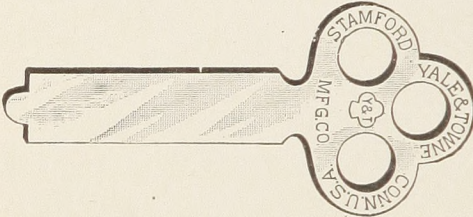
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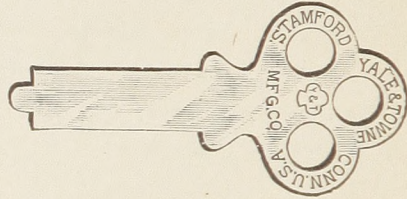
No. K210—For locks Nos. 210,
210½, per dozen, \$1.35



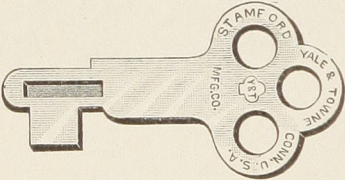
No. K410—For locks Nos. 410,
410½, 411, 411½, per dozen, . . \$1.70
K510—For locks Nos. 510, 510½,
per dozen, 1.70



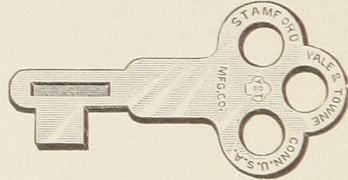
No. K412—For locks Nos. 412,
412½, per dozen, \$1.60



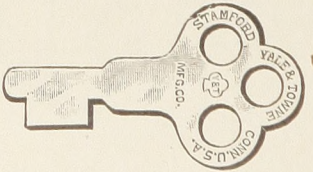
No. K413—For locks Nos. 413,
413½, per dozen, \$1.60



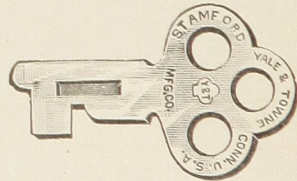
No. K4—For locks Nos. KS4J,
KS4N, per dozen, \$1.20
K6—For locks Nos. KS6, KS25J,
KS25N, per dozen, \$1.20
K7—For lock No. KS7, per dozen, . . \$1.20
K8—For locks Nos. KS8J, KS8N,
per dozen, \$1.20



No. K10—For locks Nos. KS10J,
KS30, 450C, 450J, 450V, 450½C,
450½J, 450½V, per dozen, . . \$1.20



No. K13—For locks Nos. KS13,
KS103, per dozen, \$1.20



No. K252—For locks Nos. 252J,
252A, 252½J, 252½A, per dozen, \$1.60

Packed: 3 dozen in a box.

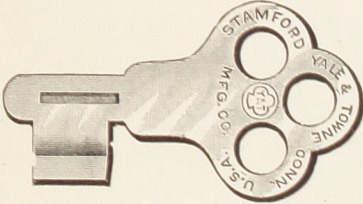
Prices of Bitted keys on application.

*Outs
actual
size.*

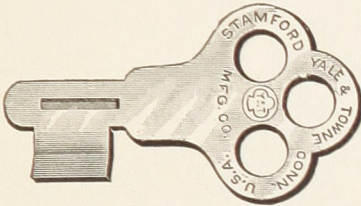


Padlock Key Blanks

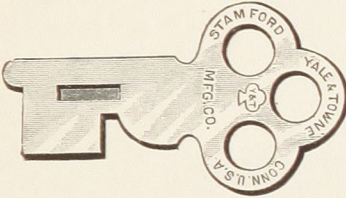
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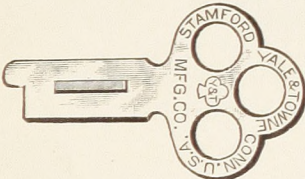
No. **K353**—For locks Nos. 353J,
353E, 353T, 353A, per dozen, . . \$.60



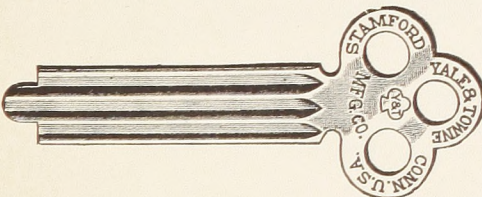
No. **K553**—For locks Nos. 553J,
553E, 553T, 553A, per dozen, . . \$.60



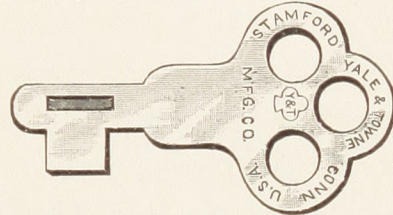
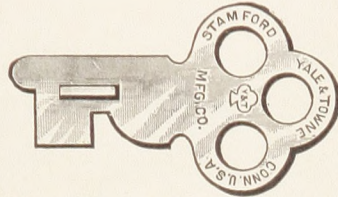
No. **K651**—For locks Nos. 651,
651½, per dozen, \$.60



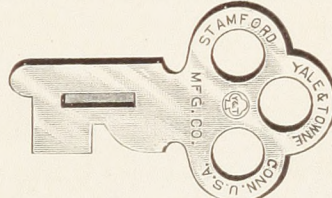
No. **K812**—For locks Nos. S812,
A812 per dozen, \$.40



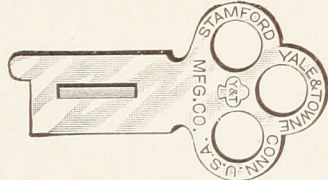
No. **K452**—For locks Nos. 414,
414½, 452J, 452A, 452½J, 452½A,
per dozen, \$.60
No. **K454**—For locks Nos. 454 and
454½, per dozen, \$.60



No. **K650**—For locks Nos. 650J,
650½J, 650V, 650½V, per dozen, . \$.60



No. **K652**—For locks Nos. 652J,
652A, 652½J, 652½A, per doz. \$.60
No. **K654**—For locks Nos. 654 and
654½, per dozen \$.60



No. **K815**—For locks Nos. S815,
A815, per dozen, \$.40

No. **K810**—For lock No. 810, per
dozen, \$.70

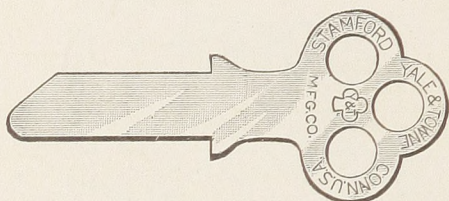
Packed : 3 dozen in a box.

Prices of Bitted keys on application.

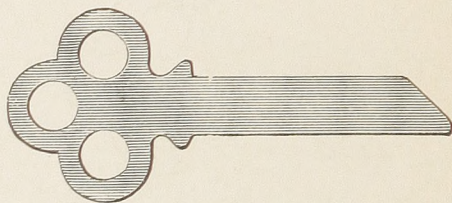


*Cuts
actual
size.*

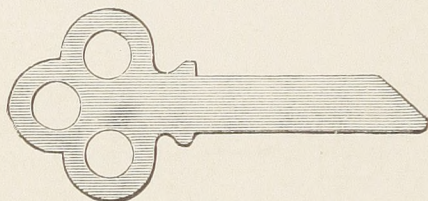
Yale Cylinder Key Blanks



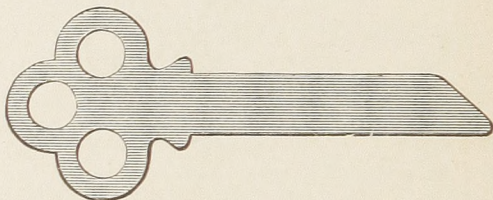
No. 1—For latch No. 425, per gross, \$3.50



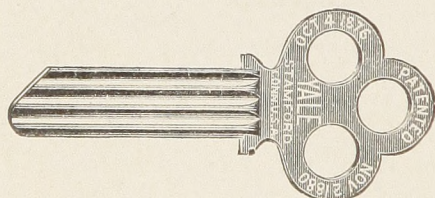
No. 2—For locks not listed, per gross, \$3.50



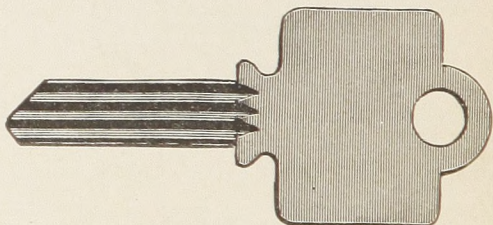
No. 3—For latch No. 22 and Rim and Mortise night-latches, with flat steel keys, per gross, . . . \$3.50



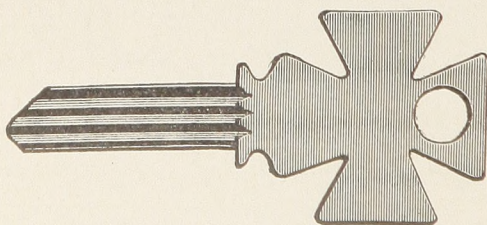
No. 4—For store door and chest locks, with flat keys, per gross, . \$3.50



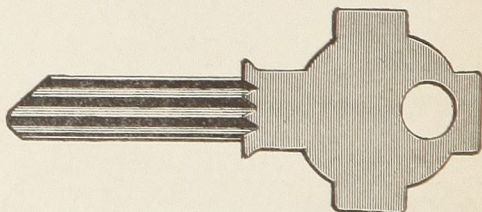
No. 6—For Builders' locks with corrugated key, per dozen, . . \$85



No. 6A—For Builders' Locks with corrugated key, per dozen, . . \$4.20



No. 6B—For Builders' locks, with corrugated key, per dozen, . . \$4.20



No. 6C—For Builders' locks with corrugated key, per dozen, . . \$4.20

Packed: 3 dozen in a paper box.

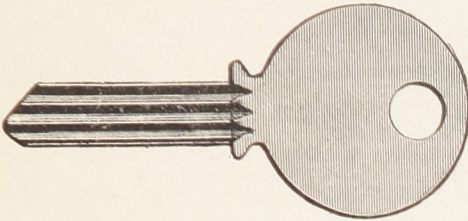
Prices of Bitted keys on application.

Cuts
actual
size.

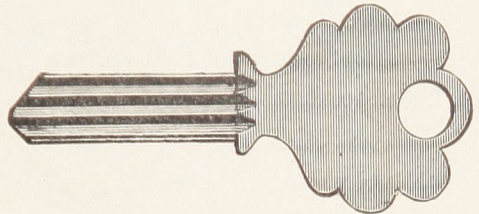


Yale Cylinder Key Blanks

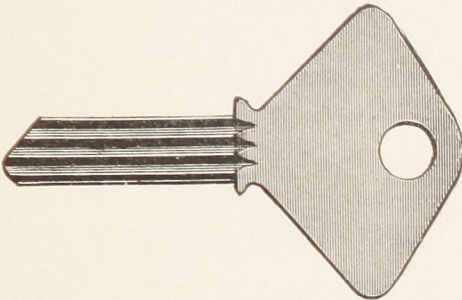
(Continued)



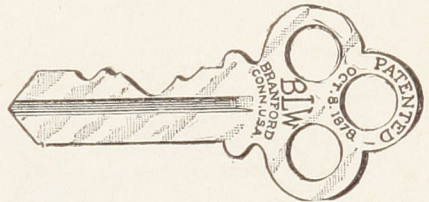
No. 6D—For Builders' locks with corrugated key, per dozen, . . \$4.20



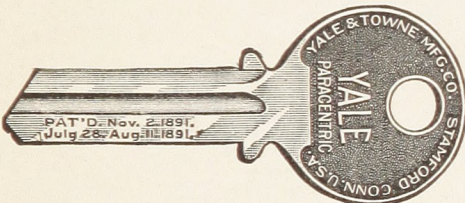
No. 6E—For Builders' locks with corrugated key, per dozen, . . \$4.20



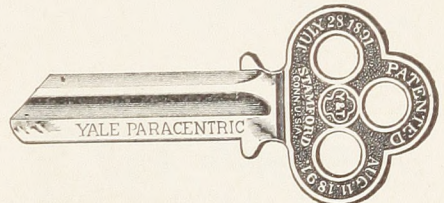
No. 6F—For Builders' locks with corrugated key, per dozen, . . \$4.20



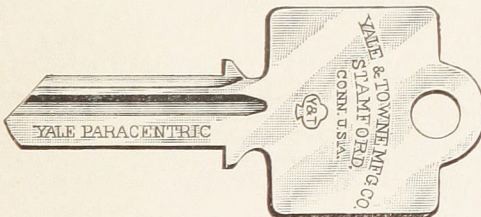
No. 273—For locks not listed, per dozen, \$85



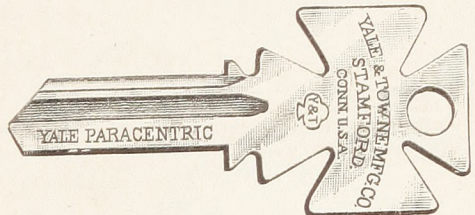
No. 8—For all Yale Paracentric Mortise, Rim and Cabinet locks, except those with short noses, doz. \$2.00



No. 08—For Builders' and Cabinet locks, except those with short noses, per dozen, \$2.00



No. 8A—For Builders' and Cabinet locks, except those with short noses, per dozen, \$4.20



No. 8B—For Builders' and Cabinet locks, except those with short noses, per dozen, \$4.20

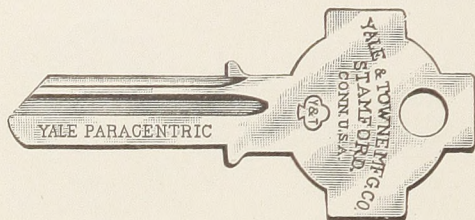
Packed: 3 dozen in a box.

Prices of Bitted keys on application.

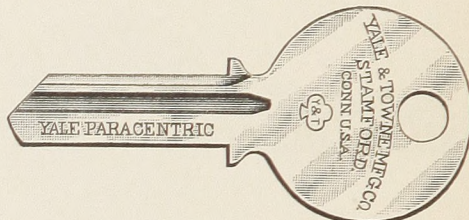


*Outs
actual
size.*

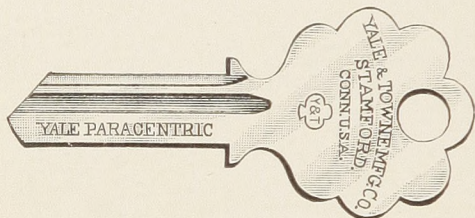
Yale Cylinder Key Blanks (Continued)



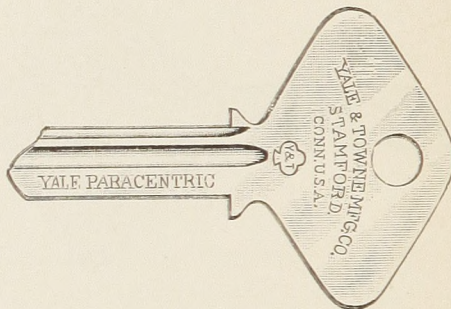
No. 8C—For Builders' and Cabinet locks, except those with short noses, per dozen, . . . \$4.20



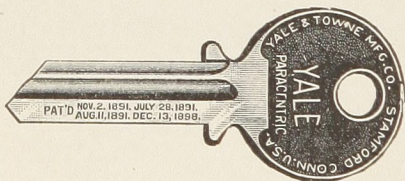
No. 8D—For Builders' and Cabinet locks, except those with short noses, per dozen, . . . \$4.20



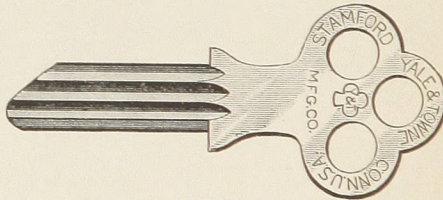
No. 8E—For Builders' and Cabinet locks, except those with short noses, per dozen, . . . \$4.20



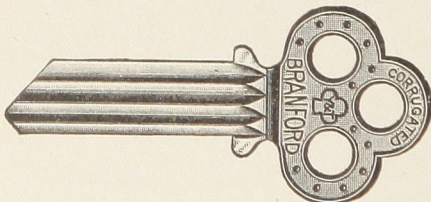
No. 8F—For Builders' and Cabinet locks, except those with short noses, per dozen, . . . \$4.20



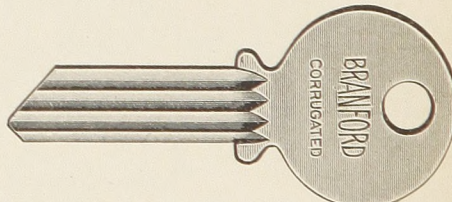
No. 13—For No. 166 Latch and Cabinet locks, per dozen, . . . \$2.00



No. 17—For locks Nos. 25, 25½, 722, 722½, per dozen, . . . \$85



No. 106—For locks not listed, per dozen, . . . \$85



No. 106D—Master-key for corrugated cylinder locks per dozen, \$2.00

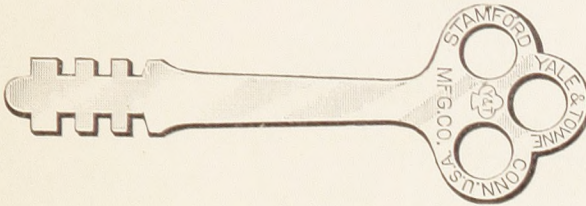
Packed: 3 dozen in a box.

Prices of Bitted keys on application.

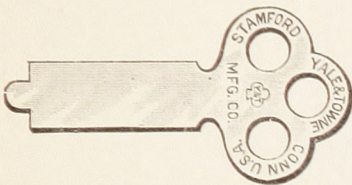
Cuts
actual
size.



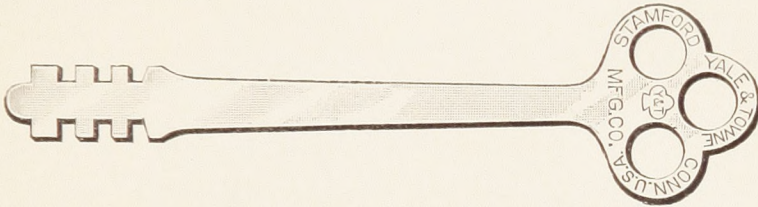
Flat Steel Key Blanks



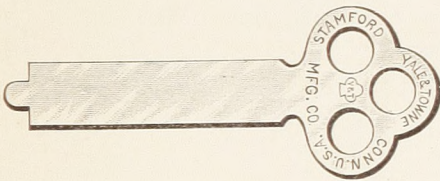
No. 40—For locks Nos.
9, 9B, 15, 015, 20 and
P2202, per dozen, . . \$.90



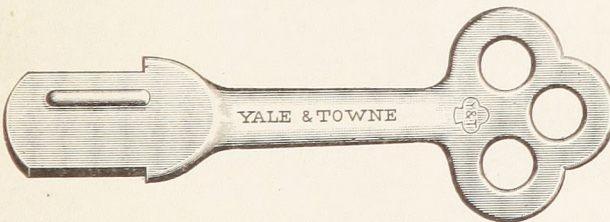
No. 50—For locks not listed, per dozen, . . \$.90



No. 40½—For locks Nos. 9½, 15½, 015½, 19½,
20½, P2202½, per dozen . . . \$.90



No. 52—For locks not listed, per doz. \$.90



No. 85—For lock No.
P2533, per dozen, . . \$1.40

Packed : 3 dozen in a box.

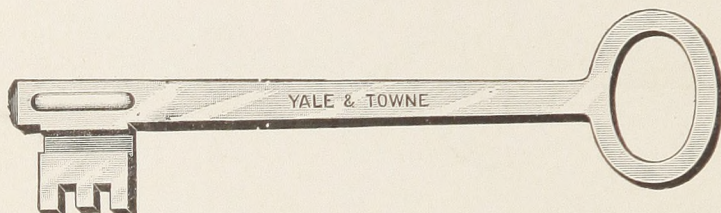
Prices of Bitted keys on application.



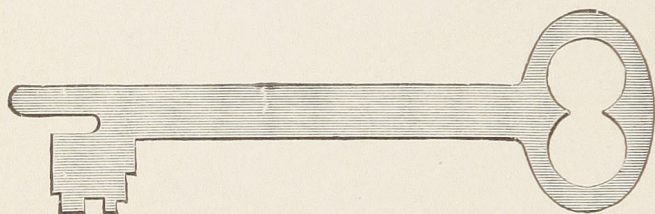
*Cuts
actual
size.*

Flat Steel Key Blanks

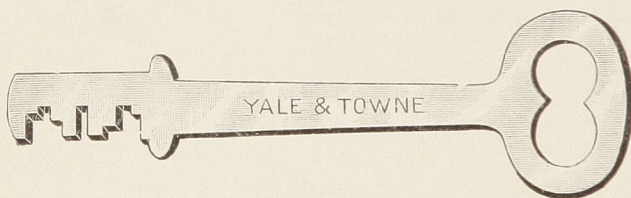
(Continued)



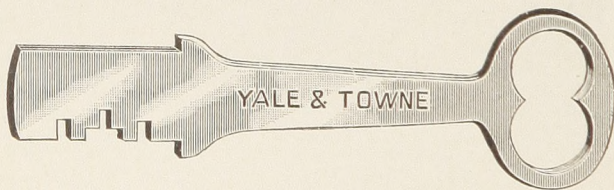
No. 270—For
locks not list-
ed, per dozen, \$1.20



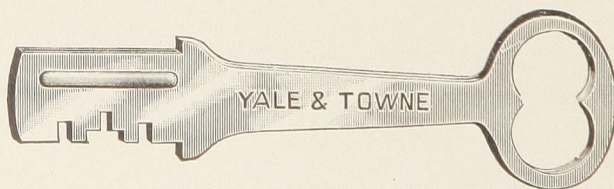
No. 277—For
latch No. 275,
per dozen, . \$1.20



No. 329—For locks
not listed, per doz. \$1.40



No. 341—For lock
No. 93, per dozen, \$1.20



No. 341½—For locks
not listed, per dozen \$1.40

Packed: 3 dozen in a paper box.

Prices of Bitted keys on application.

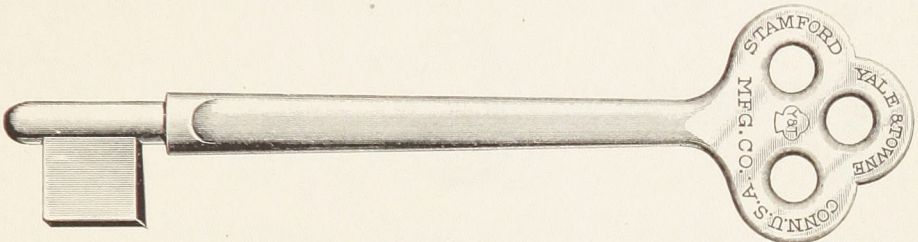
Cuts
actual
size.



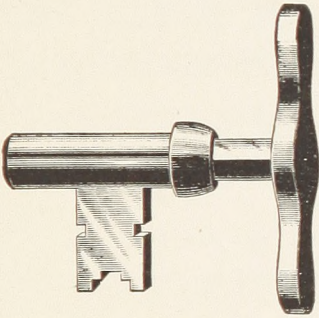
Bronze and Brass Key Blanks



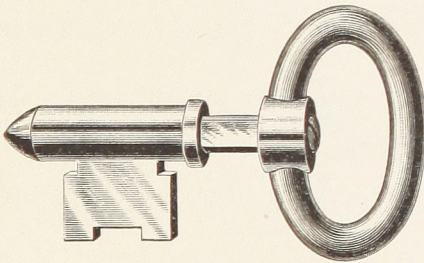
No. B45—For lock No.
P2230, per dozen, . \$2.00



No. B51—For Rim and Mortise locks, when used on heavy doors, per dozen, . \$4.00



No. 48—For locks Nos. SB3912½, P3912½,
SB3924½, P3924½, FB3936½, P3936½, per
dozen, \$4.00



No. 81—For locks not listed, per doz. \$10.00

Packed: 3 dozen in a box.

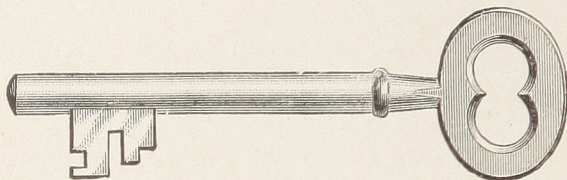
Prices of Bitted keys on application.



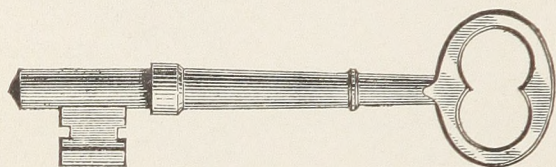
*Cuts
actual
size.*

Bronze and Brass Key Blanks

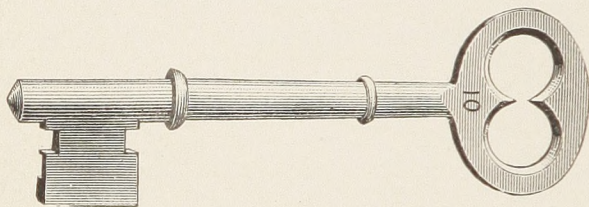
(Continued)



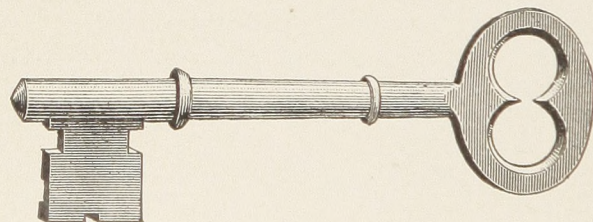
No. 202—For locks not listed, per dozen, \$1.70



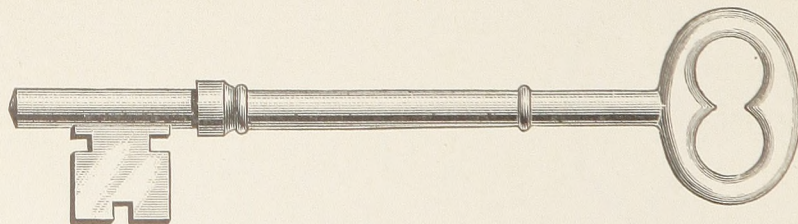
No. 228—For locks not listed, per dozen, \$2.00



No. 242—For locks not listed, per dozen, . \$2.00



No. 252—For locks not listed, per dozen, . \$2.00



No. 434—
For locks
not listed,
per doz. \$2.00

Packed: 3 dozen in a box.

Prices of Bitted keys on application.

Cabinet and Trunk Locks

Cabinet Locks. Locks for furniture and cabinet work, designated generically as Cabinet Locks, are quite distinct from Builders' Locks. Our line of Cabinet Locks embraces a vast variety of kinds, sizes, and grades adapted for every use. A few of those most largely used are shown in this catalogue.

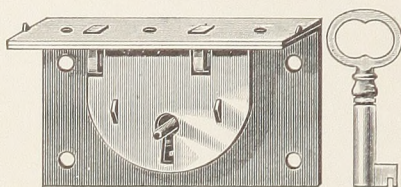
The Yale Lock (pin-tumbler type) is to be preferred for the best work, and where great security is desired, while for other uses other types are available, both with flat and with round keys. Many of them admit of being master-keyed, for use on lockers in club rooms, armories, etc., or on cupboards and drawers in offices, factories, etc. The selection should always, if possible, be made from samples, and the customer urged to select locks whose security and construction are fairly adapted to the intended use.

Trunk Locks. Our line of Trunk Locks is equally extensive, embracing a great variety of kinds, sizes, and grades, adapted for every use. A few of the kinds most largely used are shown herewith.

Special attention is invited to the No. TB600, page 172, which is a Yale Lock with Paracentric keys, and of higher grade and greater security than any Trunk Lock heretofore obtainable.



*Cuts
one-half
size.*



No. S5.

Brass and Iron Box and Chest Locks

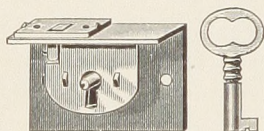
Double Link. Back-Spring

12 Keyed. 1 Ward. Flat Bow Malleable Iron Keys; Nos. S2 and SA2, alike; Nos. S5 and SA5, 6 changes in a dozen.

Packed, one dozen in a box.

No. S2*,	1 1/4 x 2 inches.	Drop 3/4 inch,	Iron Plate, Cap and Link . . .	dozen	\$1.88
SA2*,	" " " "		Brass Plate, Iron Cap and Link . . .	"	2.25
S5,	1 5/8 x 2 3/4 inches.	Drop 7/8 inch.	Iron Plate, Cap and Link . . .	"	2.25
SA5,	" " " "		Brass Plate, Iron Cap and Link . . .	"	2.75

Can be furnished for sloping desk.



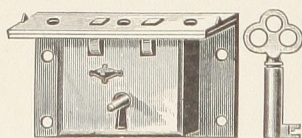
No. S23.

Brass and Iron Box and Chest Locks

Single Link. Back-Spring

12 Keyed. Malleable Iron Keys, alike. Drop 1/2 inch. Packed, one dozen in a box.

No. S23,	1 x 1 1/2 inches.	Iron Plate, Cap and Link	dozen	\$.75
S25,	1 x 2 " "	Iron Plate, Cap and Link	"	.75
SA25,	" " " "	Brass Plate, Iron Cap and Link	"	1.00



No. SA69.

Brass and Iron Box and Chest Locks

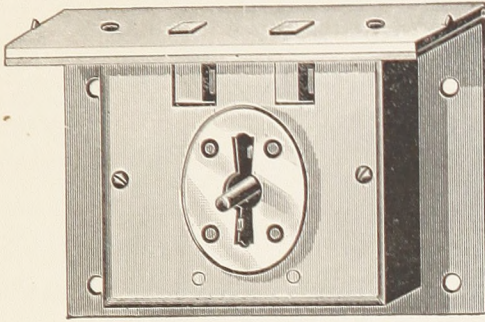
Double Link. Secure Lever

All Brass. Square Selvedge. Solid Box. 12 Keyed. Fine Flat Bow Brass Keys.

Packed, one dozen in a box.

No. SA68,	1 1/8 x 2 inches,	Drop 3/4 inches; 1 Secure Lever, 4 changes . . .	dozen	\$3.00
SA69,	" " " "	2 Secure Levers, 12 changes . . .	"	3.50

*Cuts
one-half
size.*



No. S86



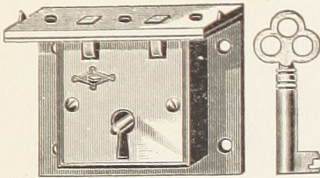
Brass and Iron

Box and Chest Locks

Double Link, Self-Locking

Iron. Square Selvedge. Screwed. Solid Box. Warded Keyhole. Brass Escutcheon. 12 Keyed. Double Bitted Keys, all different in a dozen. Packed, ½ dozen in a box.

No. S86, 2¾ x 4 inches, Drop 1⅜ inch dozen \$6.00



No. S112



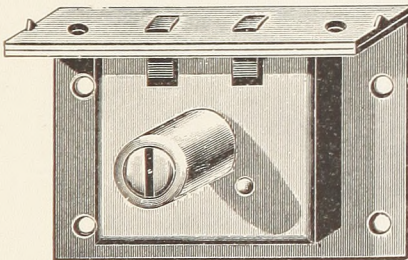
Brass and Iron

Box and Chest Locks

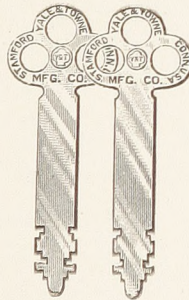
Double Link, Secure Lever

Square Selvedge. Solid Box. Screwed. 12 Keyed. Fine Flat Bow Keys, all different in a dozen. 2 Secure Levers. 60 possible changes. Packed, one dozen in a box.

No. S112, 1½ x 2 inches, Drop ⅞ inch. Iron Plate, Box and Link . . dozen \$3.25
SA112, " " " " Brass Plate, Iron Box and Link " 3.75



No. SA168



Brass and Iron

Box and Chest Locks

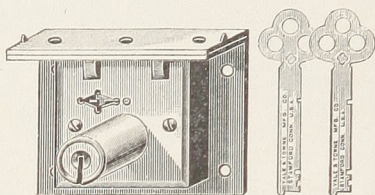
Self-Locking

Polished Selvedge only. Dipped and Lacquered unpolished cases. Solid Box. Brass Cylinder. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen. 2 Wards. For 1 inch wood. Packed, one-half dozen in a box.

No. S168, 2¼ x 3½ inches, Drop 1⅞ in. Iron Plate, Box, Link and Bolt, dozen \$11.00
SA168, " " " " All Brass " 12.00



*Cuts
one-half
size.*



No. SA162

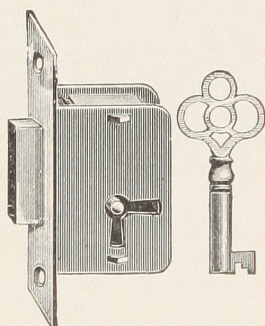
Brass Box and Chest Locks

Double Link. Secure Lever

All Brass, Dipped and Lacquered unpolished cases; except Selvedge. Polished Selvedge only. Solid Box. Screwed. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen.

Secure Levers; No. SA162, 3; Nos. SA164 and SA166, 4. Packed, Nos. SA162 and SA164, one dozen; No. SA166, one-half dozen in a box.

No. SA162, 1½ x 2 inches, Drop ⅞ inch; for ¾ inch wood	dozen \$8.00
SA164, 1¾ x 2½ inches, Drop 1 inch; for ¾, 1, 1¼ inch wood	" 11.00



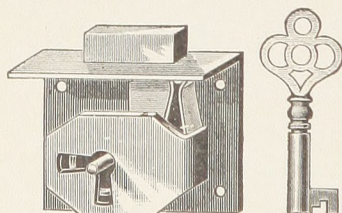
No. P171

Iron Mortise Cupboard Locks

German Tumbler

Iron Box. Broad heavy Iron Bolt. Brass Selvedge. 12 Keyed. Fine Flat Bow Keys, alike. Packed, one dozen in a box. Locks also made left hand. Double Keyhole suitable for drawer or cupboard.

No. P171, 2¾ x 1⅞ inches, Backset ⅝ inch. 1 Tumbler	dozen \$1.50
P173, 2¾ x 1⅞ inches, " ⅞ " "	" 1.50



No. R1

Brass and Iron Drawer Locks

German Tumbler

Broad heavy Bolt. 2 Wards. Drop 1 inch. 12 Keyed. Flat Bow Malleable Iron Keys, alike. Packed, one dozen in a box.

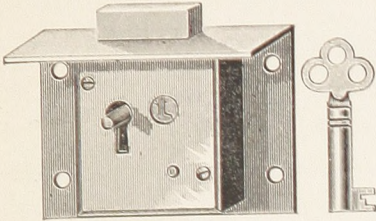
No. R1, 1¾ x 2 inches, Iron Plate, Cap and Bolt	dozen \$1.75
RA1, " " Brass Plate, Iron Cap and Bolt	" 2.50

Cuts
one-half
size.



Brass and Iron Drawer Locks

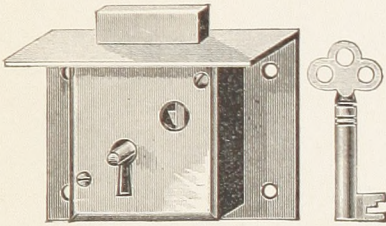
Secure Lever



No. R83

Square Selvedge. Solid square Box. Screwed.
2 Secure Levers. 12 Keyed. Fine Flat Bow
Malleable Iron Keys, all different in a dozen.
Drop $\frac{5}{8}$ inch. Packed, one dozen in a box.

No. R83, $1\frac{3}{4} \times 2\frac{1}{2}$ inches.	Iron Plate and Box, Brass Bolt	dozen \$4.00
RA83, " "	Brass Plate and Bolt, Iron Box	" 5.00



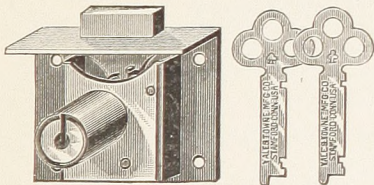
No. R108

Brass and Iron Drawer Locks

Secure Lever

Square Selvedge. Solid square Box. Screwed.
Broad heavy Iron Bolt. 12 Keyed. Fine Flat
Bow Malleable Iron Keys, all different in a
dozen. 2 Secure Levers. Drop $\frac{7}{8}$ inch. Packed, one dozen in a box.

No. R108, $1\frac{3}{4} \times 2\frac{1}{2}$ inches.	Iron Plate, Box and Bolt	dozen \$3.25
RA108, " "	Brass Plate, Iron Box and Bolt	" 4.00



No. R295

Brass and Iron Drawer Locks

Secure Lever

Square Selvedge. Broad heavy Bolt. 24 Keyed.
Nickel Plated Flat Steel Keys, all different in a
dozen. 2 Secure Levers. Drop $\frac{3}{4}$ inch. For $\frac{7}{8}$
inch wood. Can be master-keyed in one group of 210 locks, or less, all different.
Packed, one dozen in a box.

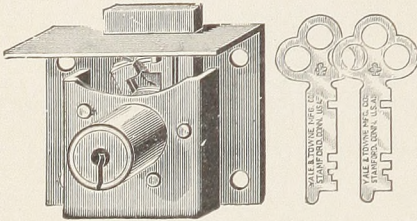
No. R295, $1\frac{1}{2} \times 1\frac{3}{4}$ inches.	Iron Plate, Box and Bolt	dozen \$4.50
RA295, " "	All Brass	" 5.00



*Cuts
one-half
size.*

Brass and Iron Drawer Locks

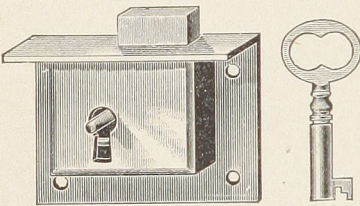
Secure Lever



No. R300

Square Polished Selvedge. Broad heavy Bolt. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen. 2 Secure Levers. For $\frac{7}{8}$ inch wood. 1290 possible changes. Can be master-keyed in one group of 300 locks, or less, all different. Packed, one dozen in a box.

No. R300, $1\frac{5}{8} \times 2$ inches, Drop $\frac{7}{8}$ inch. Iron Plate, Box and Bolt . . . dozen	\$4.75
RA300, " " " " All Brass . . . " . . .	5.50



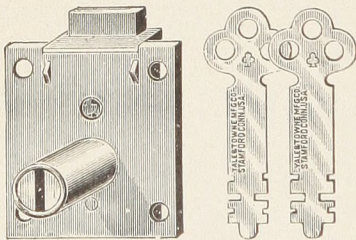
No. R350

Brass and Iron Drawer Locks

Back Spring

Solid Box. Broad Bolt. 12 Keyed. Flat Bow Malleable Iron Keys, alike. Drop $\frac{5}{8}$ inch. Packed, one dozen in a box.

No. R350, $1\frac{5}{8} \times 2\frac{1}{4}$ inches. Iron Plate and Box, Brass Bolt . . . dozen	\$1.38
RA350, " " Brass Plate and Bolt, Iron Box . . . " . . .	1.88



No. R360

Brass and Iron Rim Drawer Locks

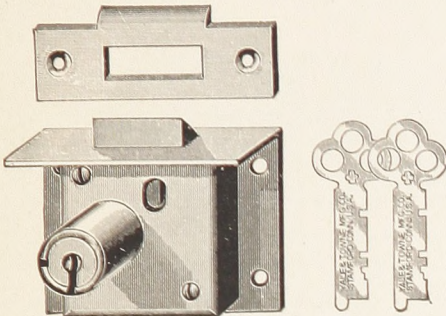
Secure Lever

Broad Bolt. 24 Keyed. Nickel Plated Flat Steel Double-Bitted Keys, all different in a dozen. 2 Secure Levers. For $\frac{7}{8}$ inch wood. 250 possible changes, all master-keyed in one group of locks.

Packed, one dozen in a box. Lock applied without cutting wood, by boring hole for cylinder.

No. R360, $1\frac{7}{8} \times 1\frac{3}{4}$ inches, Drop $1\frac{1}{8}$ inches. Iron Plate, Box and Bolt . . . dozen	\$4.50
RA360, " " " " All Brass . . . " . . .	5.00

Cuts
one-half
size.



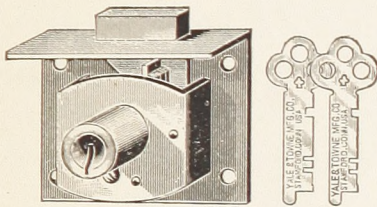
No. RA390

Brass Drawer Lock

Secure Lever

All Brass. Cast Brass Latch Bolt. Solid Square Box. Screwed. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen. 3 Secure Levers. For $\frac{7}{8}$ inch wood. 620 possible changes. Can be master-keyed in one group of 60 locks, or less, all different. Packed, one dozen in a box.

No. RA390, $1\frac{3}{4} \times 2\frac{1}{4}$ inches, Drop $\frac{7}{8}$ inch dozen \$9.00



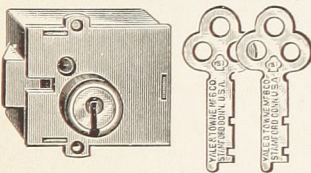
No. RA395

Brass Drawer Lock

Secure Lever

All Brass. Cast Brass Box and Cylinder. Screwed. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen. 3 Secure Levers. For $\frac{3}{4}$, $\frac{7}{8}$, 1 or $1\frac{1}{4}$ inch wood. 1200 possible changes. Can be master-keyed in one group of 200 locks or less, all different. Packed, one dozen in a box. Specify thickness of wood when ordering.

No. RA395, $1\frac{5}{8} \times 2$ inches, Drop $\frac{7}{8}$ inch dozen \$6.00



No. RA393. Spring Bolt

Brass Metal Box Locks.

Secure Lever

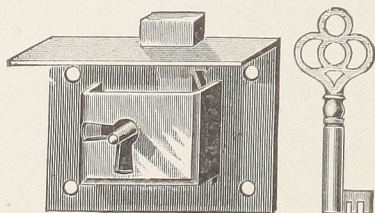
All Brass. Heavy Wrought Box. Backset, $\frac{5}{8}$ inch. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen. No. RA393 has 3000 possible changes and can be master-keyed in one group of 1,000 locks or less, all different. Packed, one dozen in a box. Made for any thickness desired, either wood or metal. Cylinder cut for use on either drawer or cupboard.

No. RA393, $1\frac{1}{8} \times 1\frac{1}{4}$ inches. Spring bolt. 4 Secure Levers dozen \$9.00

RA394, " " Dead bolt. 2 Secure Levers " 4.50



*Cuts
one-half
size.*

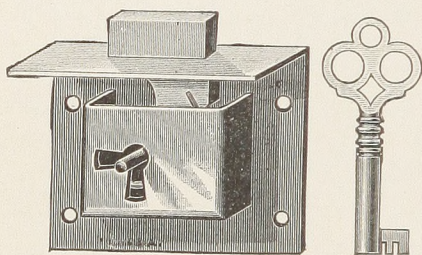


Iron Till Locks

Back Spring

Iron. Narrow Bolt. Flat Bow Malleable Iron Keys, alike. Packed, one dozen in a box.

	No. R465	Size.	Drop.	3 Keyed.	4 Keyed.	6 Keyed.	12 Keyed.
No. R465,	1 5/8 x 2 1/4 ins.		3/4 inch.	\$.46	\$.49	\$.55	\$.72
R466,	1 1/2 x 2 1/4 ins.		5/8 inch.	.40	.43	.50	.66

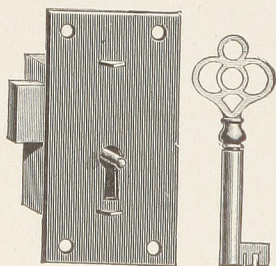


Iron Till Locks

Back Spring

Iron. Narrow Bolt. Flat Bow Malleable Iron Keys, alike. Packed, one dozen in a box.

	No. R474	Size.	Drop.	3 Keyed.	4 Keyed.	6 Keyed.	12 Keyed.
No. R474,	2 x 2 1/2 ins.		1 inch.	\$.85	\$.90	\$.95	\$ 1.15



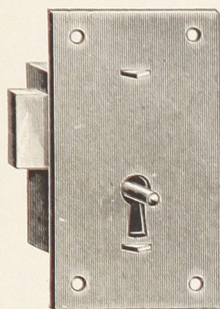
Iron Wardrobe Locks

Tumbler

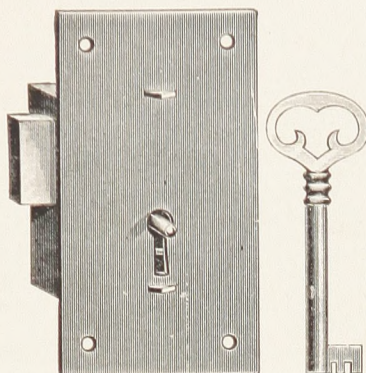
Iron, unpolished. Solid Square Box. Bolt shoots right and left. 12 Keyed. Unpolished Flat Bow Malleable Iron Keys, alike. Packed, one dozen in a box.

No. W2 1/4,	2 x 1 inches, 1 Tumbler	dozen \$1.00
W3 1/4,	2 1/2 x 1 1/4 inches, 1 Tumbler	" 1.00
W7,	3 x 1 1/4 inches, 1 Tumbler, 1 Ward	" 1.00

*Cuts
one-half
size.*



No. W9



No. W12

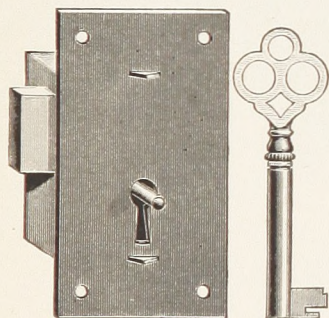
Iron Wardrobe Locks

Tumbler

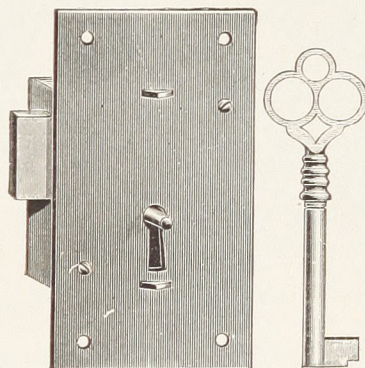
Solid Square Box. Bolt shoots right and left. 12 Keyed. Flat Bow Keys, alike. 1 Tumbler, 1 Ward. Packed one dozen in a box.

No. **W9**, 3 x 1¾ ins. Unpolished Copper Plated Iron. Bronze Key . . . dozen \$1.75

W12, 3½ x 2 " Iron Plate, Box and Bolt, Polished. Mal. Iron Key " 1.87



No. W46



No. W50

Iron Wardrobe Locks

Secure Lever

Solid Square Box. Screwed. Bolt shoots right and left. 12 Keyed. Fine Flat Bow Malleable Iron Keys, all different in a dozen. 2 Secure Levers. Possible changes: No. W46, 4,000; No. W50, 250. Packed, one dozen in a box.

No. **W46**, 3 x 1¾ inches. Iron Plate and Box. Brass Bolt . . . dozen \$4.00

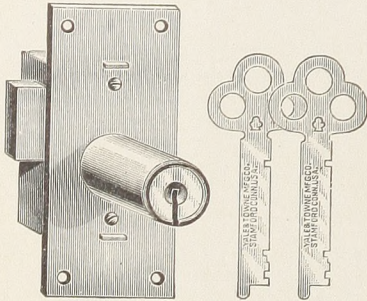
W50, 3½ x 2 inches. Iron Plate and Box. Brass Bolt . . . " 4.75



*Cuts
one-half
size.*

Brass and Iron Wardrobe Locks

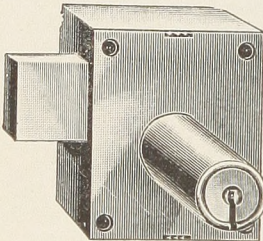
Secure Lever



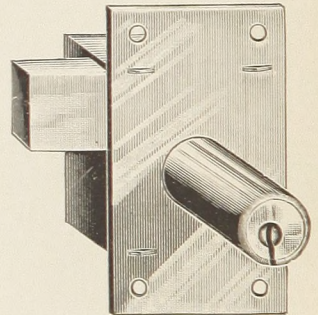
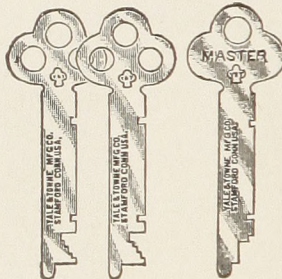
No. W102

Solid Square Box. Screwed. Bolt shoots right and left. 24 Keyed. Nickel Plated Flat Steel Keys, all different in a dozen. 2 Secure Levers. For $\frac{7}{8}$, 1 or $1\frac{1}{8}$ inch wood. Packed, Nos. W102, WA102, one dozen; Nos. W103, WA103, one-half dozen in a box. Possible changes, Nos. W102 and WA102, 7000; Nos. W103 and WA103, 1200. Master-keyed, Nos. W102 and WA102, in one group of 1200 locks; Nos. W103 and WA103, in one group of 200 locks, or less, all different.

No. W102, $2\frac{3}{4} \times 1\frac{1}{4}$ inches. Iron Plate and Box. Brass Bolt . . .	dozen	\$6.00
WA102, $2\frac{3}{4} \times 1\frac{1}{4}$ inches. All Brass	"	8.00
W103, $3 \times 1\frac{3}{4}$ inches. Iron Plate and Box. Brass Bolt	"	7.00
WA103, $3 \times 1\frac{3}{4}$ inches. All Brass	"	9.00



No. W120



No. W123

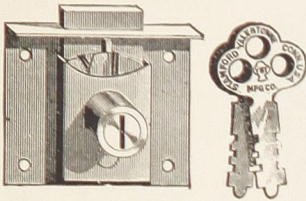
Brass and Iron Secure Lever Locker Locks

For Gymnasiums and Club Houses

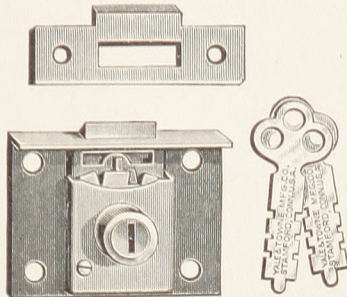
Solid Square Box. Broad heavy Bolt, shooting right and left, with $\frac{5}{8}$ inch throw. 5 Secure Levers. 2 Nickel Plated Flat Steel Keys. 3000 possible changes. Made regularly master-keyed. For $\frac{7}{8}$ inch wood. Can be furnished for any thickness of wood desired. Packed, one dozen in a box.

No. W120, $2 \times 1\frac{5}{8}$ inches. Iron Plate and Box. Brass Bolt . . .	dozen	\$12.00
WA120, $2 \times 1\frac{5}{8}$ inches. All Brass	"	15.00
W123, $3 \times 1\frac{3}{4}$ inches. Iron Plate and Box. Brass Bolt	"	10.00
WA123, $3 \times 1\frac{3}{4}$ inches. All Brass	"	15.00

*Cuts
one-half
size.*



No. 953



No. 966



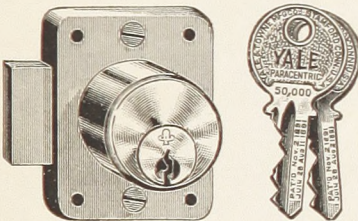
Standard Drawer Locks

All Brass

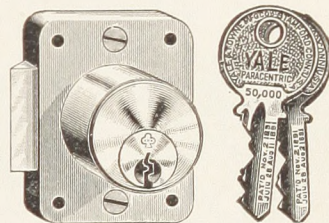
Cylinder Buffed. Square Selvege. Solid Box. Screwed. 24 Keyed. Secure Levers. Nickel Plated Flat Steel Keys, all different in a dozen. Packed, one dozen in a box.

No. 953,	1½ x 1¾ ins.,	Drop ¾ in.	For ¾ in. wood,	2 Levers.	12 changes,	dozen \$4.85
965,	1⅝ x 2 ins.,	Drop ⅞ in.	For ⅞	" " "	"	6.00
966*,	1⅝ x 2 ins.,	Drop ⅞ in.	For ⅞	" " "	"	8.00
1965,	1⅝ x 2 ins.,	Drop ⅞ in.	For ⅞	" 4 Levers.	244 changes	" 7.80

*With heavy Spring Bolt.



No. 513



No. 513S

Yale Paracentric Rim Cupboard Locks

All Brass

Cylinder Buffed. Box Screwed. 24 Keyed. German Silver Paracentric Keys, changes unlimited. Diameter of Cylinder, 1⅛ inches. Locks ordered "alike" regularly furnished with one key each. Packed, each in a box. Master-keyed in one group of any desired number of locks, all different.

Dead Bolt. Reversible for doors of either Hand

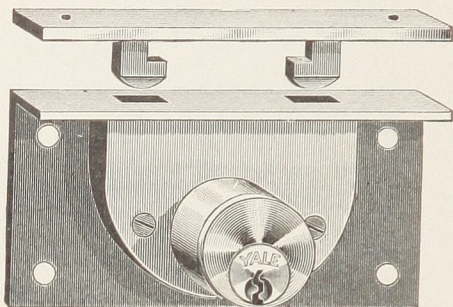
No. 501,	2 x 2 inches,	Backset 1 inch.	For ⅞ inch wood	dozen \$22.80
513,	2 x 1½ inches,	Backset ¾ inch.	" " "	" 21.00

Spring Bolt. Not Reversible. Specify Hand When Ordering

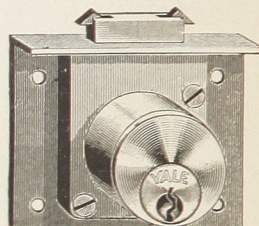
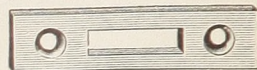
513S,	2 x 1½ inches,	Backset ¾ inch.	For ⅞ inch wood	dozen \$23.40
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*Cuts
one-half
size.*



No. 521. Chest Lock



No. 543. Desk Lock

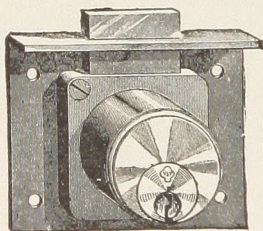
Yale Paracentric Chest and Desk Locks

All Brass

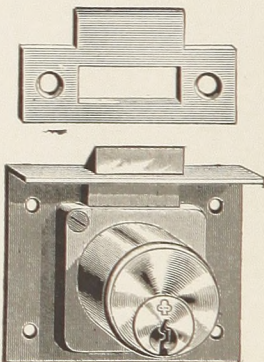
Cylinder Buffed. Diameter of Cylinder, $1\frac{1}{8}$ inches. 24 Keyed. German Silver Paracentric Keys, changes unlimited. For $\frac{3}{4}$, $\frac{7}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$ or $1\frac{3}{4}$ inch wood. Locks ordered "alike" regularly furnished with one key each. Packed, each in a box. Master-keyed in one group of any desired number of locks, all different.

No. 521, 2×4 inches. Drop $1\frac{1}{4}$ inches. For $1\frac{1}{4}$ inch wood . . . dozen \$33.60

543, $1\frac{1}{8} \times 2\frac{1}{4}$ inches. Drop 1 inch. For $\frac{7}{8}$ inch wood . . . " 19.20



No. 563



No. 563S



Yale Paracentric Drawer Locks

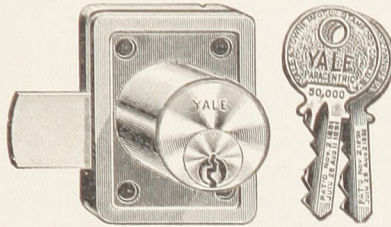
All Brass

Cylinder Buffed. Square Selvege. Solid Box. Screwed. Diameter of Cylinder, $1\frac{1}{8}$ inches. 24 Keyed. German Silver Paracentric Keys, changes unlimited. For $\frac{3}{4}$ or $\frac{7}{8}$ inch wood. Locks ordered "alike" regularly furnished with one key each. Packed, each in a box. Master-keyed in one group of any desired number of locks, all different.

No. 563, $1\frac{1}{8} \times 2\frac{1}{4}$ inches. Dead Bolt. Drop 1 inch. For $\frac{7}{8}$ inch wood . dozen \$16.80

563S, $1\frac{1}{8} \times 2\frac{1}{4}$ inches. Spring Bolt. Drop 1 inch. For $\frac{7}{8}$ inch wood " 19.20

Cuts
one-half
size.



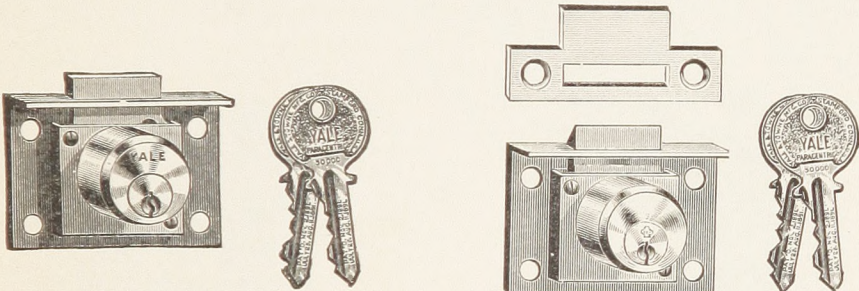
No. 533

Yale Paracentric Locker Locks

Cast Bronze Case

Brass Cylinder, buffed. Bronze Swing Bolt, with $\frac{3}{4}$ inch throw. Diameter of Cylinder, $1\frac{1}{8}$ inches. 24 Keyed. German Silver Paracentric Keys, changes unlimited. For $\frac{3}{4}$ or $\frac{7}{8}$ inch wood. Reversible, for doors of either hand. Packed, each in a box, with screws. Master-keyed in one group of any desired number of locks, all different.

No. 533, 2 x $1\frac{1}{2}$ inches, Backset $\frac{3}{4}$ inch. For $\frac{7}{8}$ inch wood . . . dozen \$15.20



No. 5553 (Dead Bolt)

No. 5553S (Spring Bolt)

Yale Paracentric Drawer Locks.

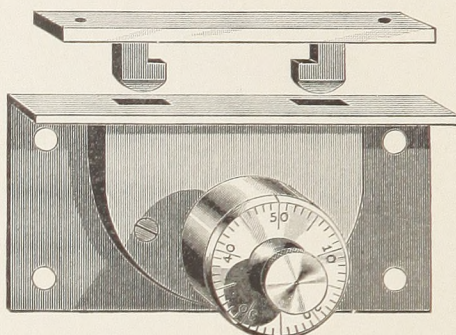
All Brass

Cylinder Buffed. Square Selvedge. Solid Box. Screwed. Broad heavy Bolt. Diameter of Cylinder, $\frac{7}{8}$ inch. 24 Keyed. German Silver Paracentric Keys, changes unlimited. For $\frac{3}{4}$ or $\frac{7}{8}$ inch wood. Locks ordered "alike" regularly furnished with one key each. Packed, each in a box.

No. 5553,	$1\frac{1}{2}$ x 2 ins.	With Dead Bolt.	Drop, $\frac{3}{4}$ in.	For $\frac{7}{8}$ in. wood	. dozen	\$14.40
5563,	$1\frac{3}{4}$ x 2 ins.	" " "	Drop 1 in.	" " "	"	15.00
5553S,	$1\frac{1}{2}$ x 2 ins.	With Spring Bolt.	Drop $\frac{3}{4}$ in.	" " "	"	16.20
5563S,	$1\frac{3}{4}$ x 2 ins.	" " "	Drop 1 in.	" " "	"	16.80



*Cuts
one-half
size.*



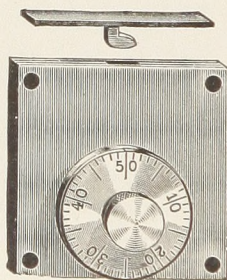
No. 0121

Yale Combination Chest Locks

All Brass

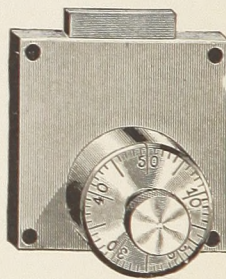
Knob and Dial Buffed. Double Link. Furnished for any thickness of wood desired, specify when ordering. 3 Tumblers. 11,000 combinations. Combination can be changed without removing lock. Packed, each in a box.

No. 0121, $2\frac{1}{8} \times 4$ inches. Drop $1\frac{1}{4}$ inches dozen \$25.65



No. 0141

Yale Combination Box Lock



No. 0161

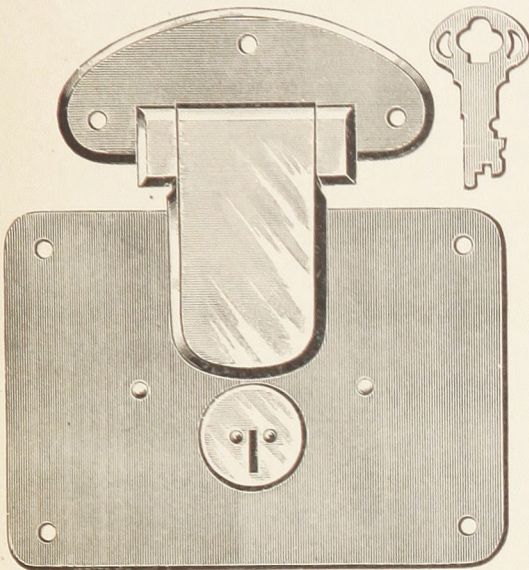
Yale Combination Drawer and Locker Lock

All Brass. Knob and Dial Buffed. Drop $1\frac{3}{8}$ inches. 2 Tumblers. 500 Combinations. Combination can be changed without removing lock. Furnished for any thickness desired, specify when ordering. Packed, each in a box.

No. 0141, 2×2 ins. Adapted for use on Tin Cash Boxes or Desks . . . dozen \$13.20

0161, 2×2 ins. Adapted for use on Lockers, Drawers, Cupboards, etc. " 13.20

Cuts
one-half
size.

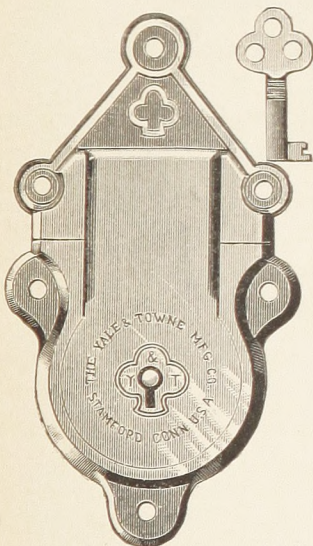


Iron Back-Spring Trunk Locks

Spring Hasp and Plate as below. Brass Escutcheon. 12 Keyed. Flat Steel Keys, alike. 3 possible changes. Packed, one dozen in a box.

No. TS86J

TS74J, 3¼ inch.	Black Japanned Iron Plate and Hasp	dozen	\$1.25
TS77J, 3½	“ “ “ “ “	“	1.50
TS86J, 4¾	“ “ “ “ “	“	3.00



Malleable Iron Surface Trunk Lock

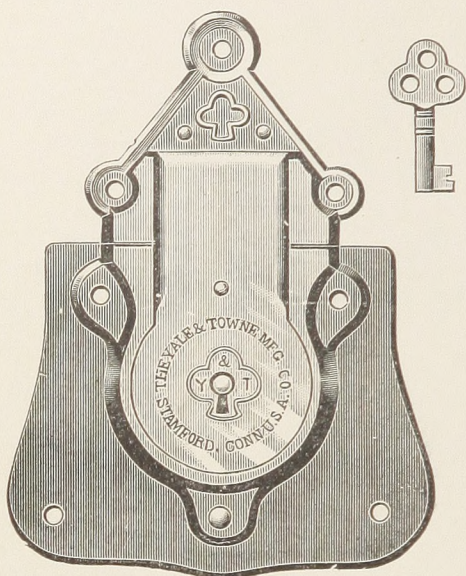
Brass Plated Frame, unpolished Brass Plated Center. 12 Keyed. Malleable Iron Barrel Keys, alike. Packed one dozen in a box. Lock can be attached to trunk without cutting.

TS250½A, 5 inch	dozen	\$3.50
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No. TS250½ A



*Cuts
one-half
size.*

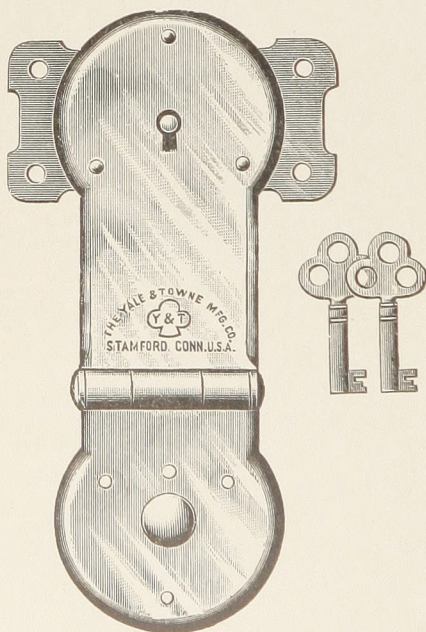


No. TS255 1/2 A

Malleable Iron Surface Trunk Lock

Brass Plated Frame, unpolished Brass Plated center. 12 Keyed. Malleable Iron Barrel Keys, alike. Packed, one dozen in a box. Lock can be attached to trunk without cutting.

TS255 1/2 A, 4 inch dozen \$4.00



No. TS502A

Wrought Steel Excelsior Trunk Locks

Unpolished Brass Plated Lock and Cup. 24 Keyed. Unpolished Malleable Iron Keys, 3 changes. 2 Secure Levers. Packed, one dozen in a box.

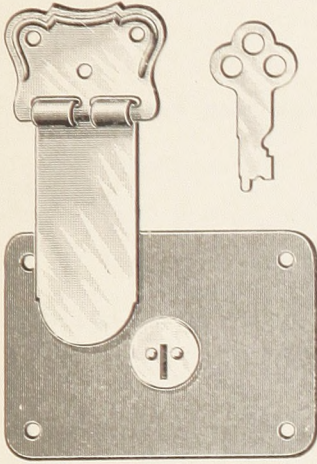
Hasps Riveted to Trunk

TS502A, 6 inch dozen \$8.00

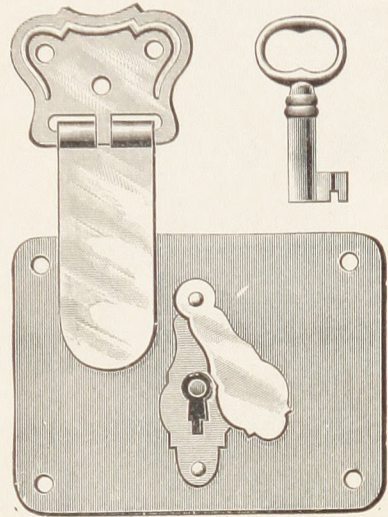
*Furnished with Nuts, Bolts and Washers to
Attach Hasp*

TS503A, 6 inch dozen \$9.00

Cuts
one-half
size.



No. TSSJ

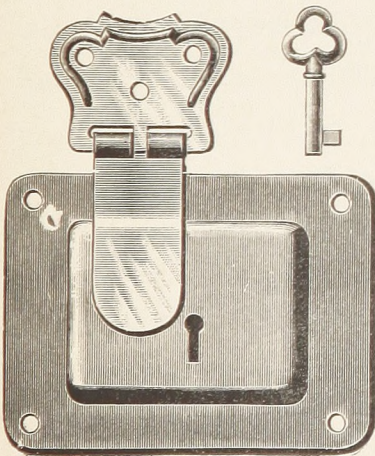


No. TS28J

Iron Back-Spring Trunk Locks

Plate and Hasp as below. 12 Keyed. Malleable Iron Keys, alike. Packed, one dozen in a box.

TS8J, 3 in. Black Japanned Iron Plate and Hasp	dozen	\$.70
TS13J, 3 in. Black Japanned Iron Plate, Brass Drop and Escutcheon	"	1.00
TS28J, 3½ in. Black Japanned Iron Plate, Brass Drop and Escutcheon	"	1.20



No. TS45J

Iron Surface Trunk Lock

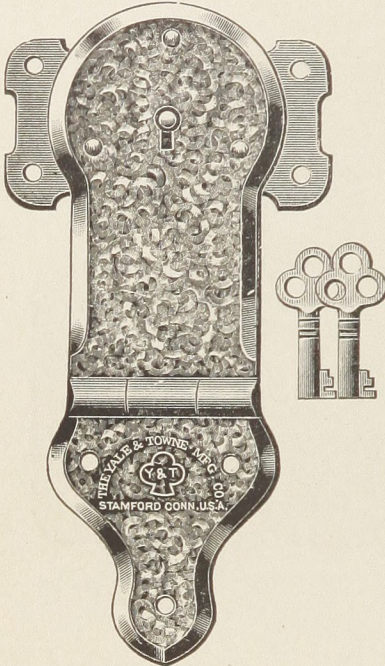
Back-Spring

Plate and Hasp as below. 12 Keyed. Malleable Iron Keys, alike. Packed, one dozen in a box.

TS45J, 3½ in., Black Japanned Iron Plate and Hasp. Solid Key	dozen	\$.90
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*Cuts
one-half
size*



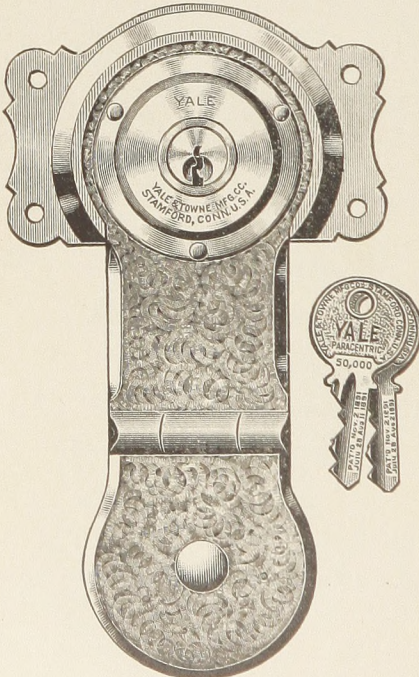
No. TA556

Brass Excelsior Trunk Lock

2 Secure Levers

Cast Brass Lock, Machine Surfaced. Buffed edges; Brass Plated Steel Cup. 24 Keyed. Polished Malleable Iron Keys, 4 changes. Packed one dozen in a box.

TA556, 6½ inch dozen \$8.40



No. TB600

Yale Paracentric Bronze Excelsior Trunk Lock

Extra Heavy

Cast Bronze Lock, Machine Surfaced. Buffed edges; Buffed Bronze Cap; Cast Bronze Guard Cups, Buffed. 24 Keyed. Yale Paracentric Embossed Bow Keys. Furnished with nuts, bolts and washer to attach Hasp to trunk. Packed, one-half dozen in a box.

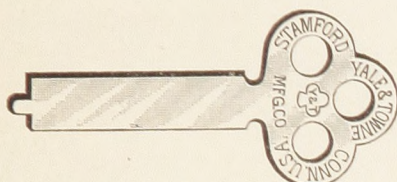
TB600, 6½ inch. All Bronze . . . dozen \$28.00

Cuts
actual
size.

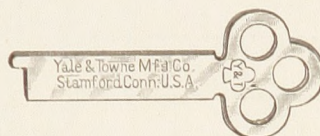


Cabinet Lock Key Blanks

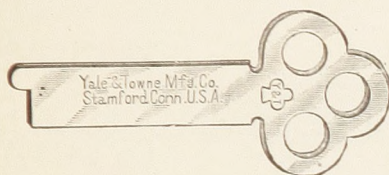
Flat Steel



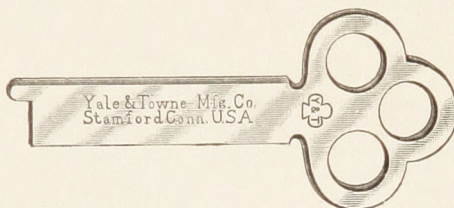
No. 51—For locks Nos. 953, 965, 966,
1965, per dozen, \$.75



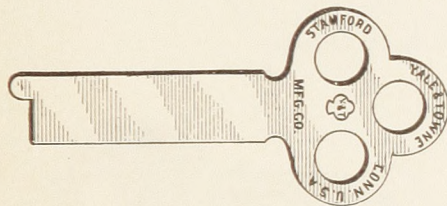
No. S152—For lock No. SA162, per
dozen, \$.75



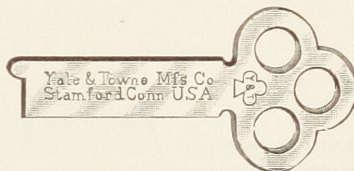
No. S154—For lock No. SA164,
blade of key made in $\frac{3}{4}$, 1 and $1\frac{1}{4}$
inch lengths, per dozen \$.75



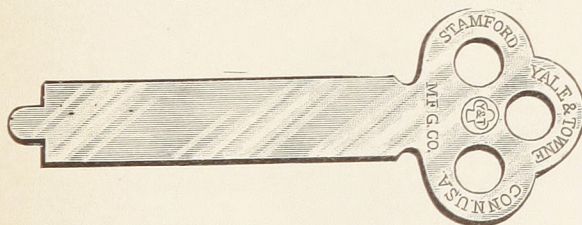
No. S155—For locks Nos. W102,
WA102, blade of key made in $\frac{7}{8}$,
1 and $1\frac{1}{8}$ inch lengths, per dozen, \$.75



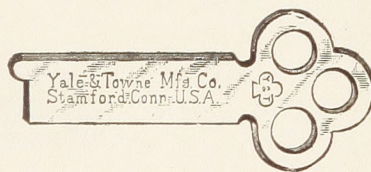
No. S157—For locks Nos. W103,
WA103, W107, WA107, W120,
WA120, W123, WA123, blade of
key made in 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$ and
 $2\frac{1}{2}$ inch lengths, per dozen, . . . \$.75



No. R295—For locks Nos. R295,
RA295, per dozen, \$.75



No. S168—For locks Nos. S168,
SA168, per dozen, \$.75



No. R300—For locks Nos. R300,
RA300, per dozen, \$.75

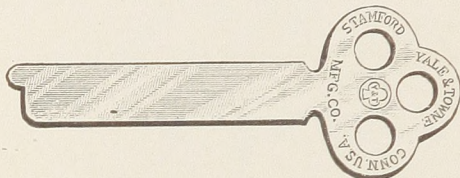
Packed : as ordered.



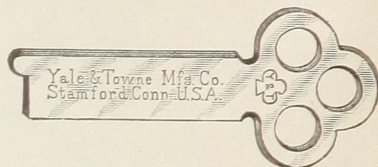
*Cuts
actual
size.*

Flat Steel Key Blanks

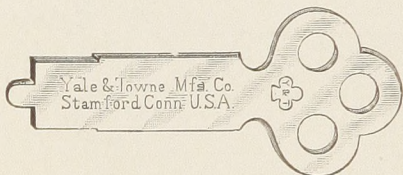
(Continued)



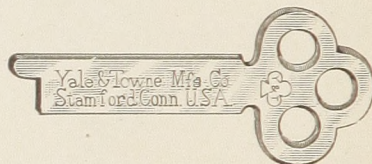
No. **R393**—For lock No. RA393,
per dozen, \$75



No. **R310**—For lock No. RA390, per
dozen, \$75

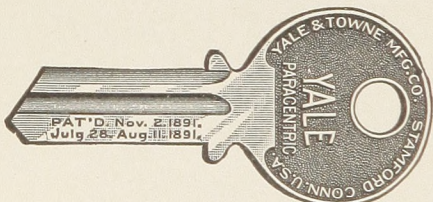


No. **R360**—For lock Nos. R360,
RA360, per dozen, \$75

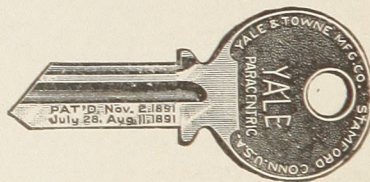


No. **R395**—For lock No. RA395, per
dozen, \$75

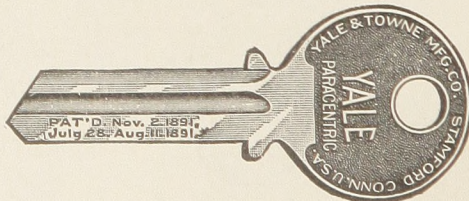
Yale Paracentric Key Blanks



No. **9**—For locks Nos. 543, 563,
563S, per dozen, \$3.00



No. **10**—For locks Nos. 5553, 5553S,
5563, 5563S, per dozen, \$3.00



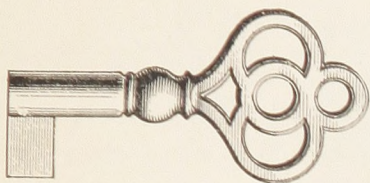
No. **8**—For locks Nos. 501, 513, 513S, 521, 533, per dozen, \$3.00

Packed : as ordered.

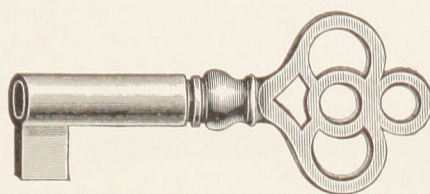
Cuts
actual
size.



Fancy Bow Key Blanks

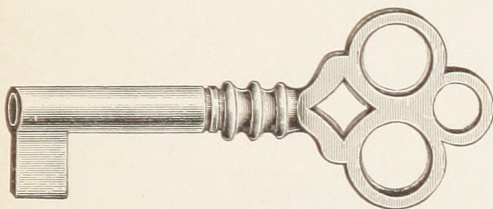


No. **P171**—For locks Nos. P171,
P173, made in $\frac{5}{8}$ and $\frac{7}{8}$ inch
lengths, per dozen, \$.25

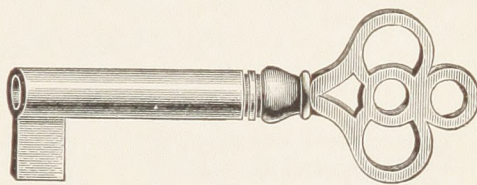


No. **R465**—For locks Nos. R1, RA1,
R465, per dozen, \$.20

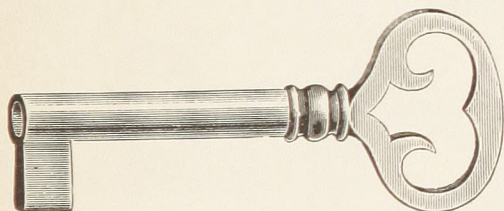
No. **PA171**—Brass, $\frac{5}{8}$ and $\frac{7}{8}$ inch
lengths, per dozen, \$1.00



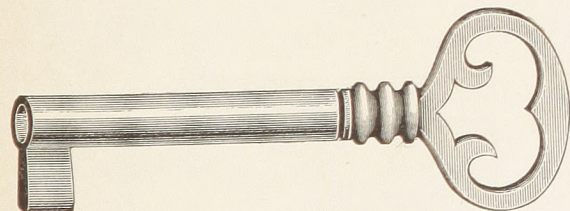
No. **R474**—For lock No. R474, per
dozen, \$.25



No. **W3**—For locks Nos. W2 $\frac{1}{4}$,
W3 $\frac{1}{4}$, per dozen \$.25



No. **W7**—For lock No. W7,
made in $1\frac{1}{4}$ and $1\frac{1}{2}$ inch
lengths, per dozen, \$.30



No. **W12**—For lock No.
W12, per dozen, \$.35

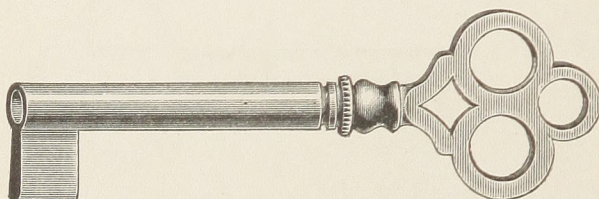
Packed : as ordered.



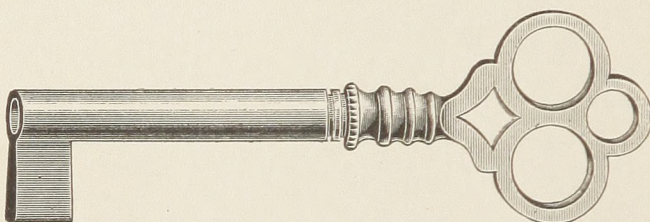
*Cuts
actual
size.*

Fancy Bow Key Blanks

(Continued)

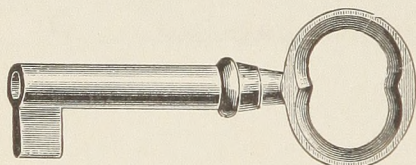


No. **W46**—For lock No.
W46, per dozen, . . . \$.50

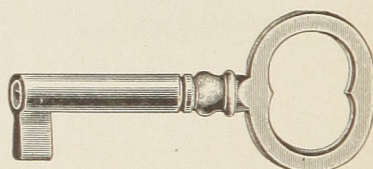


No. **W50**—For lock
No. W50, per dozen \$.55

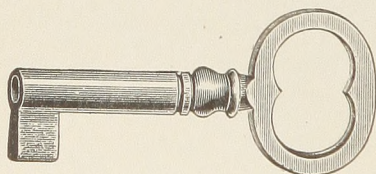
Round and Plain Bow Key Blanks



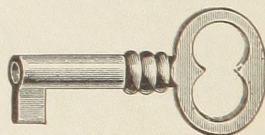
No. **R466**—For lock No. R466, per
dozen, . . . \$.15



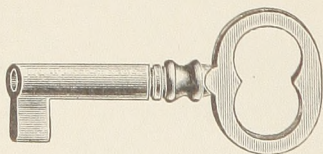
No. **S2**—For locks Nos. S2, SA2,
per dozen, . . . \$.18



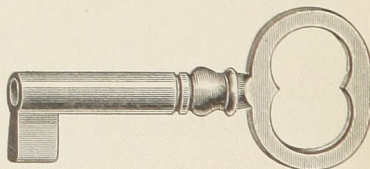
No. **S4**—For locks Nos. S5, SA5,
per dozen, . . . \$.25



No. **S21**—For lock No. S23, per doz. \$.15



No. **S25**—For locks Nos. S25, SA25,
per dozen, . . . \$.18



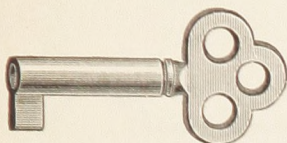
No. **R350**—For locks Nos. R350,
RA350, per dozen, . . . \$.25

Packed : as ordered.

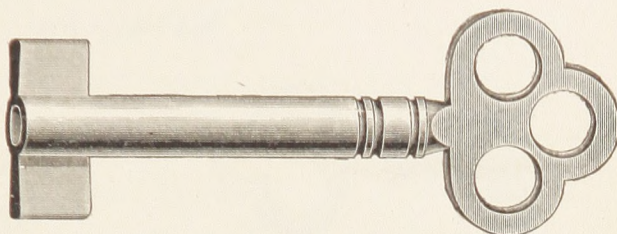
Cuts
actual
size.



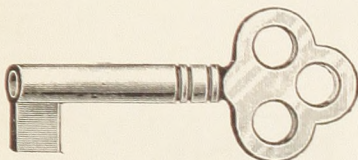
Flat Bow Key Blanks



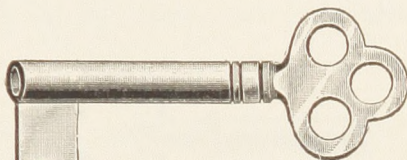
No. SA69—For
locks Nos. SA68,
SA69, per dozen . \$1.00



No. S86—For lock No. S86, per doz. \$.75

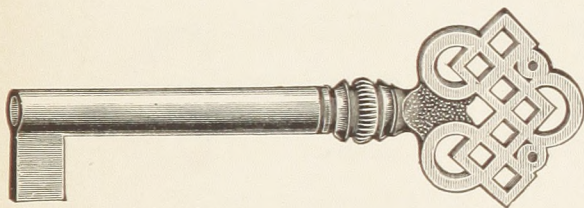


No. S112—For locks Nos. S112,
SA112, per dozen \$30

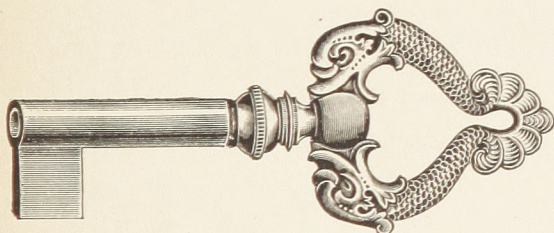


No. R108—For locks Nos. R83,
RA83, R108, RA108, per dozen . \$.30

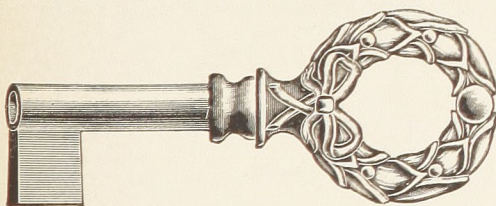
Ornamental Gold Plated Key Blanks



No. WA46—For lock
No. W9, per dozen . \$1.00



No. RA762—Made in 1, 1½,
1¾, 1½ and 2 inch lengths,
per dozen, \$1.50
2½ inch length, per dozen, 1.60



No. RA621—Made in 1, 1½,
1¾, 1½ and 2 inch lengths,
per dozen, \$1.50
2½ inch length, per dozen, 1.60

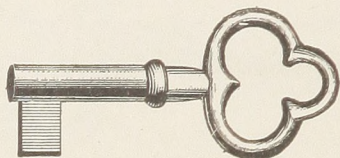
Packed : as ordered.



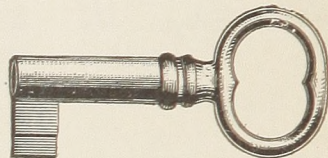
*Cuts
actual
size.*

Trunk Lock Key Blanks

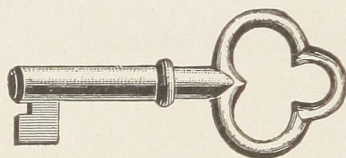
Malleable Iron



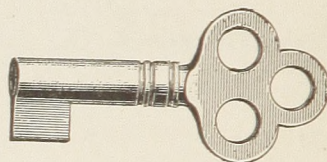
No. **TS8**—For lock No. TS8J, per
dozen, \$.20



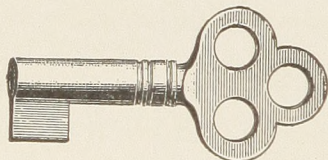
No. **TS13**—For lock No. TS13J, per
dozen, \$.20



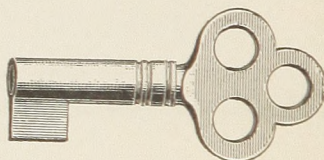
No. **TS45**—For lock No. TS45J, per
dozen, \$.20



No. **TS280A** — For locks Nos.
TS250½A, TS255½A, per dozen \$.60

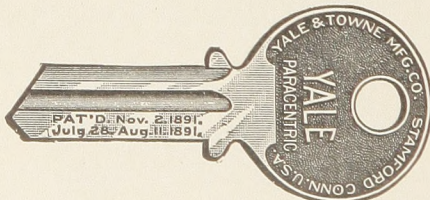


No. **TS502** — For locks Nos.
TS502A, TS503A, per dozen . . \$.60

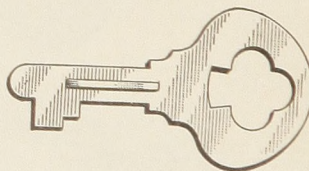


No. **TA556**—For lock No. TA556,
per dozen \$.60

Paracentric and Flat Steel Key Blanks



No. **TB600**—For lock No. TB600,
per dozen, \$3.00



No. **TS74J**—For locks Nos. TS74J,
TS77J, per dozen, \$.25

Packed : as ordered.

The Blount Door Check and Spring

DOOR Springs are widely used and are of many kinds; nearly always they are annoying and objectionable, except when combined with a Door Check to control them.

The combination of a Door Spring and Check in one device produces the ideal result, and this device is rapidly superseding the use of the plain Door Spring.

The earliest door checks were of the pneumatic or air type, in which an air cushion is employed to control the effect of the spring on the door, but experience has shown that the leather packing, which is a necessary feature in all such checks, is only effective while it remains soft, that it soon becomes hard and that thereafter the check is useless.

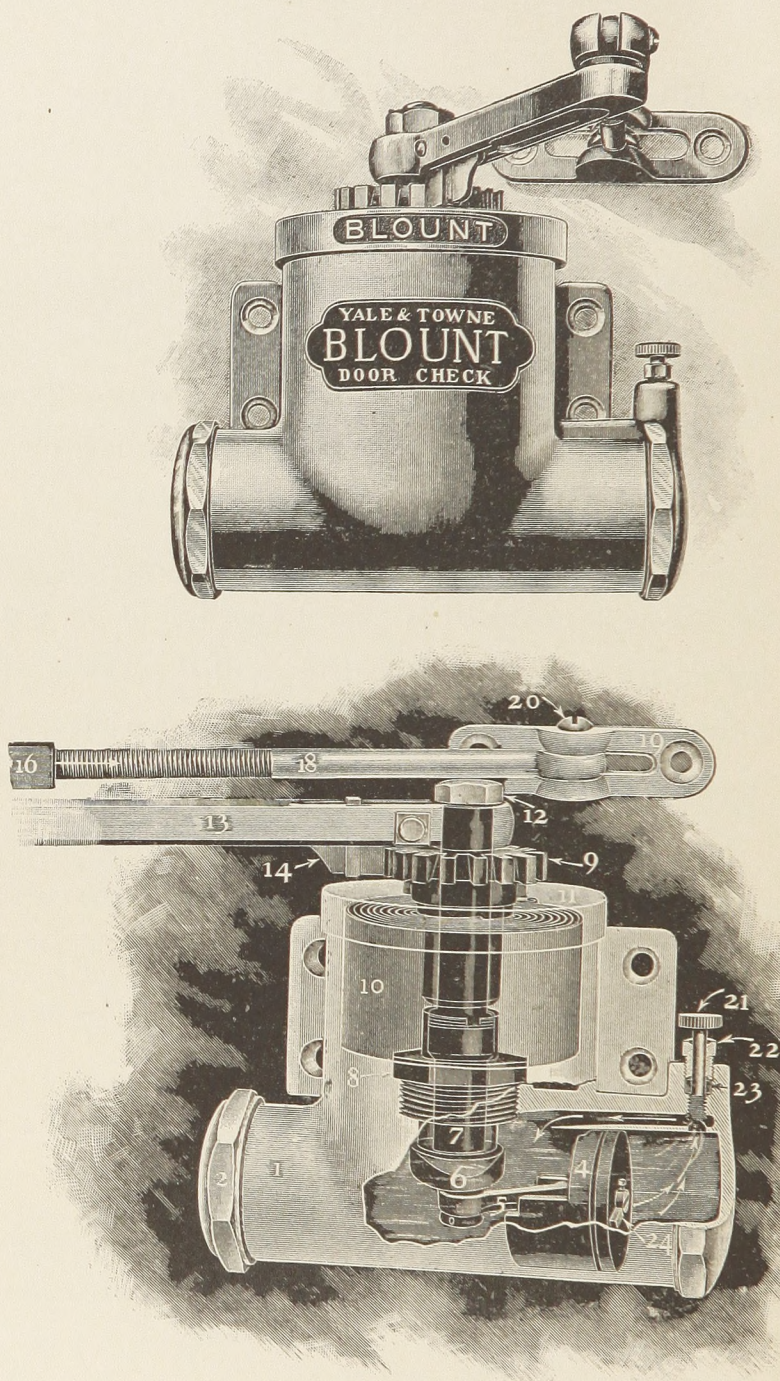
The Liquid Door Check, of which the Blount is the earliest and best example, overcomes all of these difficulties and affords an absolutely satisfactory and permanent device.

A door with this device keeps out cold, draughts, noise and odors, and is silent.

Doors so equipped *can't* be slammed or left open; the action is quick, firm and noiseless.

A Door Check and Spring is now rather a necessity than a luxury on most outside, and many inside doors; its field of usefulness is constantly increasing.

As said above the only successful door checks are those of the *liquid* type, and the "Blount," since its introduction more than ten



For explanation of mechanism see opposite page, and for names of numbered parts see page 185.

years ago, has been universally recognized as the leading and best Liquid Door Check on the market. It is made in six different sizes and many finishes, to meet all requirements.

For sizes and prices see page 184.

Construction and Operation

THE Y. & T. Blount Door Check combines a powerful coil spring (which furnishes the motive power to close the door) and a metallic piston moving in a metallic cylinder against a non-freezing liquid (which furnishes the checking or controlling power).

A simple regulating valve enables these two powers to be so adjusted, relatively to each other, as to give any desired action to the door, whereby it will always be positively closed but under a control which prevents slamming.

The working parts are immersed in a lubricating fluid, so that the wear resulting from continued use is inappreciable, and the device when once properly adjusted in place will continue indefinitely to function without further care or expense.

Its general appearance and construction will be apparent from the illustrations on opposite page. It is made in six sizes and various finishes; it can be adapted to doors of all kinds and shapes.

For names of numbered parts shown on opposite page see page 185.

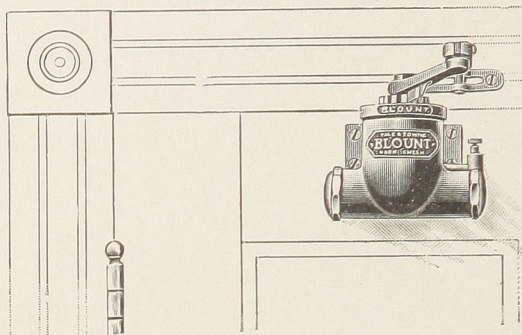


Fig. 1. Right-hand Door From Inside
Use Right-hand Check

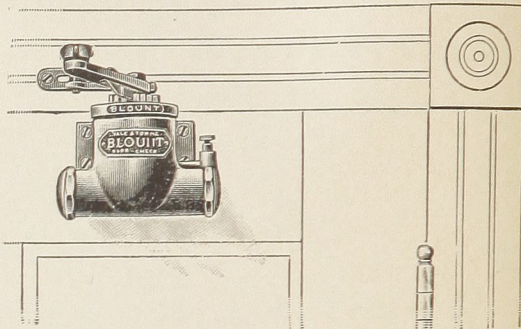


Fig. 2. Left-hand Door From Inside
Use Left-hand Check

This method of attachment is recommended wherever conditions permit.

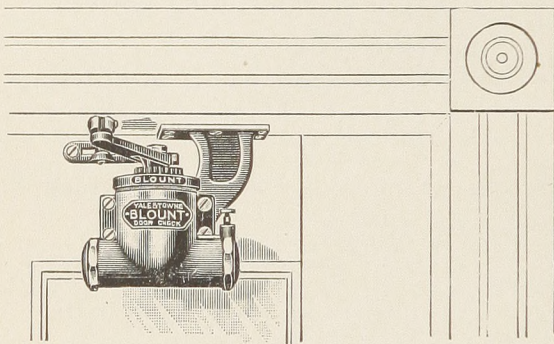


Fig. 3. Right-hand Door From Outside
Use Left-hand Check
Soffit Bracket, additional (see page 185)

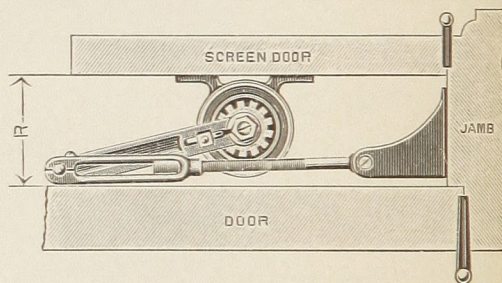


Fig. 4. Check Applied Between Doors
Door Opens all the Way Back (180°) Distance
"R" from $3\frac{1}{4}$ to $4\frac{1}{2}$ inches
Jamb Bracket, additional (see page 185)

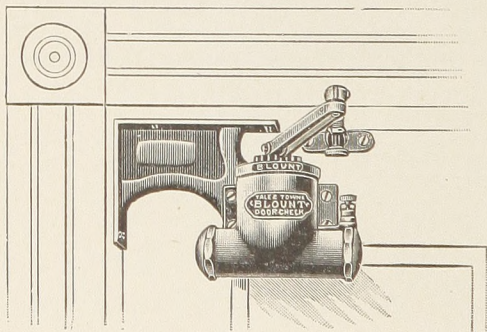


Fig. 5. Left-hand Door From Outside
Use Right-hand Check
Corner Bracket, additional (see page 185)

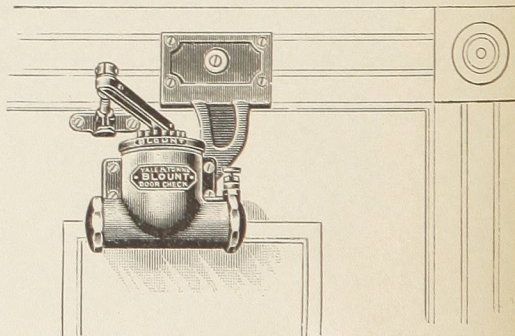


Fig. 6. Right-hand Door From Outside
Use Left-hand Check
Flush Bracket, additional (see page 185)

How to Select the Proper Check

THE SIZE REQUIRED:—Consult table on page 184 giving size based on standard doors and usual conditions. The Check should always be of ample size; if too small for the door it will not control it effectively and is liable to be broken. For doors exposed to severe draughts use a check one size larger than called for in table. Doors with metal frames or heavy glass panels require a heavier check than ordinary doors of equal size.

THE METHOD OF ATTACHMENT:—Refer to the illustration (on opposite page) showing the position in which the Check is to be placed; the text will indicate the hand of door and whether or not a bracket is necessary. Avoid using brackets where not really needed.

CHECKS WITHOUT BRACKETS, applied to inner or hinge side of doors (Figs. 1 and 2), are recommended wherever the conditions permit.

WHEN A BRACKET IS REQUIRED the *Soffit* bracket (Fig. 3), should be used if possible.

The *Jamb* bracket (Fig. 4) enables a check to be placed in the limited space between doors, as in the case of a Front Door and Storm or Screen Door. A special *Soffit* bracket (for this location) is also supplied for this use when it is not possible to apply bracket to jamb. The closing power of a check so applied is not equal, however, to that of a check regularly applied, and therefore with heavy doors an auxiliary spring should be used. The minimum distance "R" (Fig. 4) occupied by a check applied in this manner is as follows: Size No. 1, $3\frac{1}{4}$ inches; No. 2, $3\frac{1}{2}$ inches; No. 3, $3\frac{3}{4}$ inches; No. 4, 4 inches; No. 5, $4\frac{1}{4}$ inches, and No. 6, $4\frac{1}{2}$ inches.

The *Corner* bracket (Fig. 5) does not permit the Check to stand as far from hinge edge of door as other brackets, and as is desirable, and is only recommended when additional strength is necessary.

The *Flush* bracket, however, (Fig. 6) may be used when the surface of the jamb is not wide enough for the foot of the *Soffit* bracket.

The *Flat* bracket (illustration omitted for lack of space) is provided for Round Top Doors when check is applied to the door. Price, \$1.00 to \$1.50 additional according to size (see page 185). When check is applied to jamb a *Flush* bracket (Fig. 6) should be used. Brackets for Round Top Doors vary in accordance with the dimensions and radius of the door; and when such a bracket is required the width of the door and radius of the top should be given as well as the hand of door, and whether it must open all the way back (180 degrees).

Blount Door Check Sizes and Prices

Sizes of checks for standard doors. Unusual conditions, as explained on page 183, require checks of larger size.

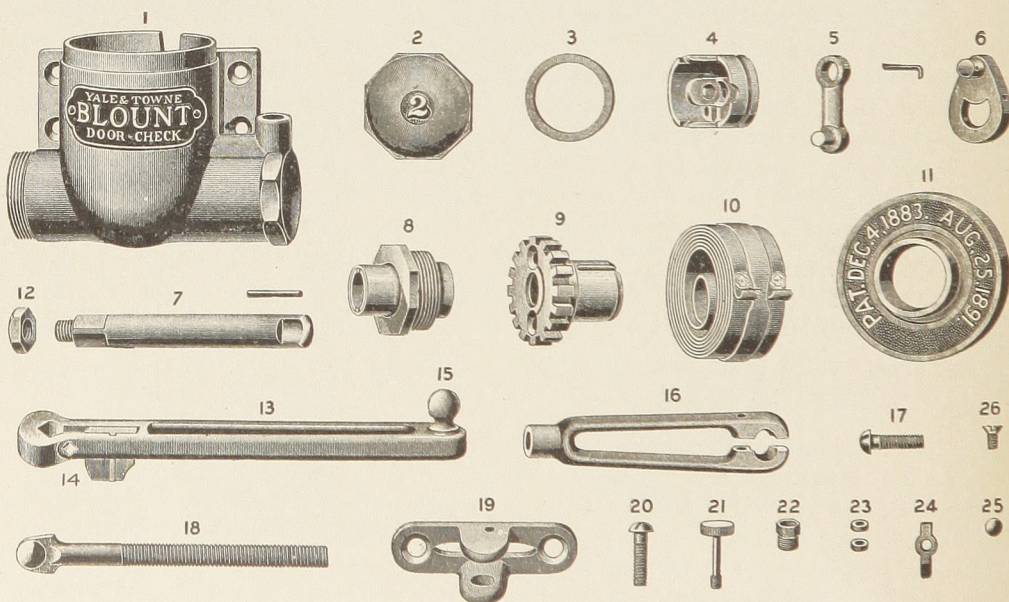
No.	Description.	Each.
1.	For screen and other very light doors	\$3.00
2.	For light inside doors not exceeding 7 feet high by 3 feet wide	4.00
3.	For inside doors of medium size not exceeding 7 feet high by 2½ feet wide	5.00
4.	For heavy inside and ordinary outside doors not exceeding 7½ by 3 feet	6.00
5.	For outside doors of medium size not exceeding 7½ by 4 feet	8.00
6.	For heavy outside doors, 8½ feet high by 4 feet wide	10.00

Checks are furnished regularly in gold bronze finish.

At the *same* price (when so ordered), they will be supplied in silver bronze, or imitation of Bower-Barff finish.

At an *additional* price they will be furnished *plated* in brass, bronze, nickel, copper, oxidized silver, or any other finish desired, either polished or unpolished; or in *solid* brass or bronze if desired.

REPAIRING BLOUNT DOOR CHECKS.—Expressage or freight both ways must be paid by the customer. Repairing New Style Checks—\$1.20 list each for overhauling, refinishing and refilling checks; cost of new parts to replace those broken or damaged (unless the check sent for repairs shows faulty construction or imperfect material) is additional. Repairing Old Style Checks—List price: Size, "O" \$2.70, "A" \$2.80, "B" \$2.90, "C" \$3.40, "D" \$3.90 and "E" \$4.20.



Blount Check Parts

For names and prices see opposite page.

Blount Door Check Parts and Brackets

For figure Nos. see illustrations on opposite page and on page 180.

Fig. No.	Description.	Prices in Sizes, each.					
		1	2	3	4	5	6
Parts of Checks							
1	Case or shell	\$1.20	\$1.50	\$1.85	\$2.35	\$3.25	\$4.00
2	End cap . . . . .	.10	.10	.15	.15	.20	.25
3	End cap washer . . . . .	.05	.05	.10	.10	.10	.10
4	Piston . . . . .	.40	.40	.45	.50	.80	1.00
5	Connecting rod . . . . .	.10	.10	.15	.15	.15	.40
6	Crank . . . . .	.05	.10	.10	.15	.20	.30
7	Shaft . . . . .	.15	.20	.25	.30	.30	.40
8	Combination packing nut . . . . .	.50	.60	.65	.65	.80	.90
9	Ratchet sleeve . . . . .	.20	.20	.20	.30	.30	.40
10	Coil (or Spring) . . . . .	.50	.60	.70	.90	1.40	1.70
11	Top cap . . . . .	.15	.15	.20	.20	.30	.40
12	Top nut for shaft . . . . .	.05	.05	.05	.05	.05	.05
13	Main arm . . . . .	.15	.30	.40	.45	.45	.45
14	* } Sliding latch . . . . .	.05	.05	.05	.05	.05	.05
15	* } Ball stud (included with 13)	. . .	. . .	. . .	. . .	. . .	. . .
16	Forked arm . . . . .	.15	.20	.25	.30	.30	.35
17	Clamp screw for ball socket . . . . .	.05	.05	.05	.05	.05	.05
18	* } Screw for forked arm . . . . .	.05	.10	.10	.10	.15	.20
19	* } Jamb plate . . . . .	.10	.15	.15	.15	.15	.15
20	* } Bracket screw . . . . .	.05	.05	.05	.05	.05	.05
21	Regulating screw . . . . .	.05	.05	.05	.05	.10	.10
22	* } Regulating screw nut. . . . .	.05	.05	.05	.05	.05	.05
23	* } Regulating screw washers (2)	.05	.05	.05	.05	.05	.05
24	* } Ball retainer . . . . .	.05	.05	.05	.05	.05	.05
25	* } Piston valve, (ball) . . . . .	.05	.05	.05	.05	.05	.05
Liquid, per gallon, \$4.00							

Brackets for Checks

3†	Soffit bracket	\$.15	\$.20	\$.30	\$.35	\$.40	\$.45
6†	Flush " . . . . .	.30	.30	.35	.50	.55	.55
5†	Corner " . . . . .	.50	.60	.65	.70	.75	.85
. .	Flat "	1.00	1.00	1.20	1.30	1.40	1.50
4†	Jamb " . . . . .	.50	.60	.65	.70	.75	.85

For Extra Length of Arm

Add to prices of Checks, as shown on opposite page, the following:							
8 or 10 inch arms		\$.50	. . .	. . .	. . .	. . .	. . .
12 or 16 " " . . . . .		. . .	\$ .60	\$.70	\$.80	. . .	. . .
16 inch arms . . . . .		. . .	. . .	. . .	. . .	\$ .90	\$ 1.00

*Parts bracketed are usually furnished together.

†For illustrations of brackets see page 182, and for description see page 183.



Yale & Towne TRIPLEX Blocks and suspension scales in the shipping room. The overhead carrier system enables one man to handle, weigh and ship the heaviest cases in one operation. Write us for more information about it.

Chain Blocks

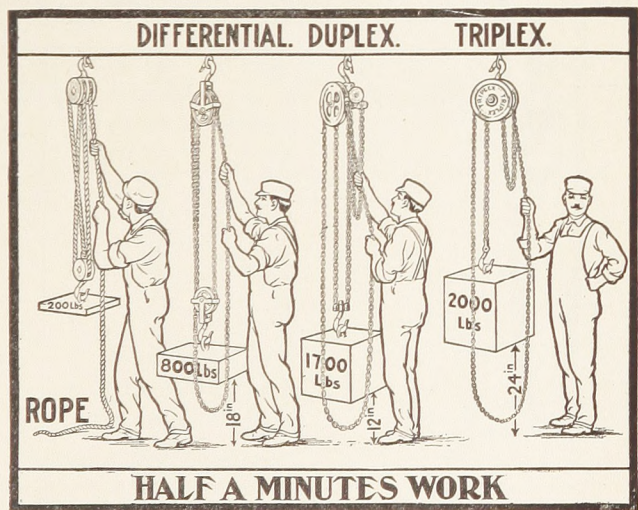
WE are the makers of the original Weston Differential Pulley Block, the pioneer of all chain blocks.

We are also makers of the Duplex Screw Block, the best middle grade Block on the market, and the Triplex Spur-Gear Block, pre-eminently the *best and most efficient Chain Block in the world*. Each of these three types has its legitimate field of usefulness.

Chain Blocks can often be handled and sold to good advantage by hardware dealers, and special catalogues will be furnished, on request, for distribution to consumers.

It pays to carry Chain Blocks in stock. They are frequently needed in great haste, in cases of break-down or other emergency, and the dealer who has a few in stock, and can make spot delivery, gets the business and often at his own price.

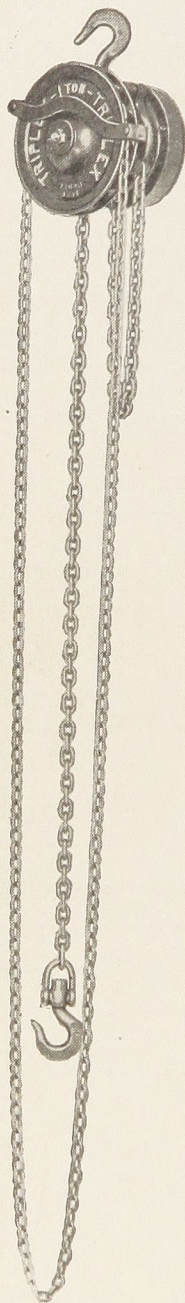
The advantage of using up-to-date equipment for lifting loads which are too heavy to move by hand is effectively shown by this picture. Note the *weight* lifted, and the *height* to which lifted, with each one ton block, with a pull of 82 lbs. and the hand chains moving at equal speed. With the *twenty* ton Triplex Block one man can lift twenty tons by pulling 162 lbs. on the hand chain, and four men can lift twenty tons four feet in ten minutes.



Yale & Towne TRIPLEX BLOCK

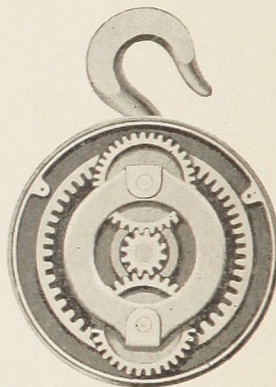
Patented

Spur-Geared



THE Triples Block will outlift and outlast any other block in points of *economy, ease and safety*. It cannot be equalled as a hoist on hand cranes from $\frac{1}{2}$ to 20 tons capacity, and on a jib or overhead carrier system a Triples Block will repay its cost several times each year. *Each hour's work required with other blocks can be done with the Triples Block in 30 minutes.*

The saving will quickly repay the cost of replacing many blocks now in use, which double the workman's labor by their waste of power in friction.

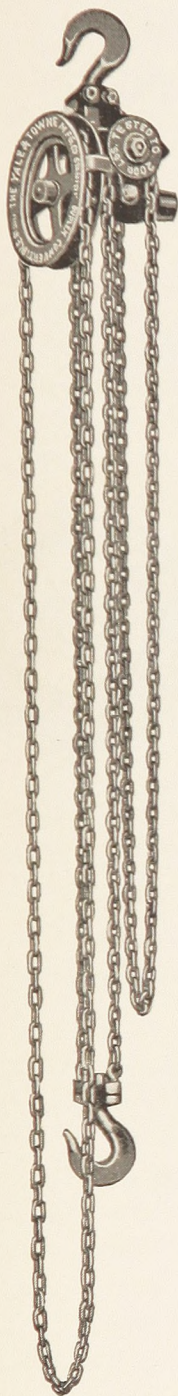


Note the balanced train of Spur-Gears.

Capacity in Tons.	Price complete, without Trolley.	Regular Hoist in Feet.*	Extra Hoist Price per Foot.	Net Weight in Lbs.
$\frac{1}{2}$	\$35.00	8	\$.90	53
1	45.00	8	.95	80
$1\frac{1}{2}$	60.00	8	1.00	124
2	70.00	9	1.05	188
3	90.00	10	1.50	200
4	110.00	10	1.60	290
5	140.00	12	2.15	380
6	165.00	12	2.15	390
8	200.00	12	2.70	470
10	240.00	12	3.25	570
12	300.00	12	4.30	800
16	360.00	12	5.40	1000
20	425.00	12	6.50	1375

Triples Blocks are sent on free trial to responsible parties.

*Figures denote height in feet which blocks with regular lengths of chain will hoist above level on which operator stands.



Yale & Towne DUPLEX BLOCK

Patented

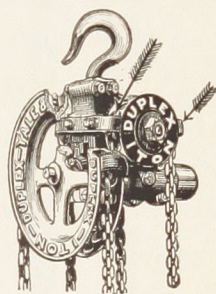
Screw-Geared

THIS is the popular type of double chain worm-wheel or screw block. These blocks have load chain sheaves carried on a steel shaft and fitted with safety guides. They lift faster and easier than other screw blocks and cost no more.

They have bronze worm wheels and steel worms with hardened and ground thrust bearings running in oil.

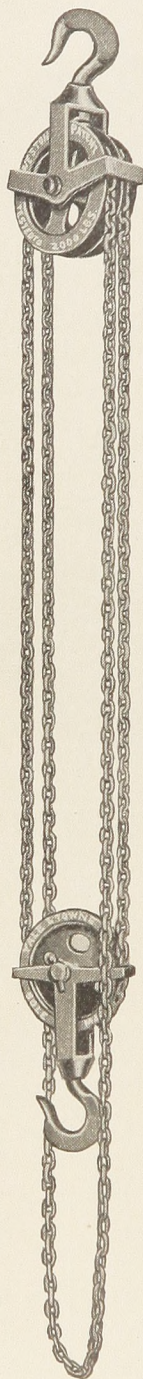
For portable use these are light powerful chain blocks and take up the least head room. In speed they are excelled only by the Triplex Block.

The Yale & Towne Duplex Block is 25 per cent. more powerful than any other screw block made.



Note the safety guides rendering it impossible for load chain to slip.

Capacity in Tons.	Price Complete.	Regular Hoist.	Extra Hoist. Price per foot.	Net Weight in Pounds.
$\frac{1}{2}$	\$25.00	8 feet	\$1.20	43
1	30.00	8 "	1.50	57
$1\frac{1}{2}$	40.00	8 "	1.75	76
2	50.00	9 "	2.00	104
3	75.00	10 "	2.20	180
4	95.00	10 "	2.40	215
5	140.00	12 "	3.00	330
6	180.00	12 "	3.75	340
8	210.00	12 "	4.00	380
10	275.00	12 "	4.25	560



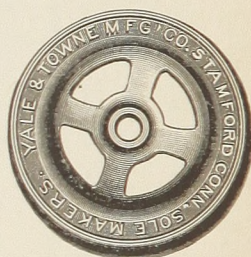
Yale & Towne DIFFERENTIAL BLOCK

The Original Weston's Patent

THE genuine Yale & Towne Weston Differential Blocks have large sheaves and full sized chain of special material gauged by a patented process which hardens the chain and makes it gear accurately with properly formed sprockets. This precludes the stretching of the chain which, in imitations, quickly destroys their usefulness and safety.

These blocks handle heavy loads readily and safely. We sell them at the lowest price possible for any reliable chain block.

Guard against paying almost as much for inferior and unreliable blocks. Look for the name "Yale & Towne Mfg. Co." cast on both top and bottom sheaves. It is a guarantee of material, durability and ready duplication of parts.



Note that the Company's name is cast on both the top and bottom sheaves.

Capacity in tons.	Price Complete.	Regular Hoist.	Extra Hoist Price per foot.*	Net Weight in Pounds.
$\frac{1}{8}$	\$18.00	5 feet	\$2.80	11
$\frac{1}{4}$	18.00	6 "	2.80	22
$\frac{1}{2}$	21.00	7 "	2.80	30
1	28.00	8 "	3.00	51
$1\frac{1}{2}$	36.00	$8\frac{1}{2}$ "	3.20	81
2	45.00	9 "	3.40	122
3	60.00	$9\frac{1}{2}$ "	4.00	180

* Each additional foot of hoist includes four feet of additional chain.

A Few Places Where Yale & Towne Chain Blocks are Used

YALE & TOWNE Chain Blocks are utilized by the hundreds in machine shops, power plants, engine rooms and all kinds of factories. They are used for setting machinery, lifting parts thereof for inspection or repair, or serving machines. They handle bales of hay or cotton, logs, cases or tubing; lay waterpipe, gas mains or assist in the construction of sewers. In fact wherever lifting is to be done, one of the three types of Yale & Towne Chain Blocks may be used with a pronounced saving of time, hard work and money. Truckmen use them for handling safes, boilers, stone, street car rails, horses or other heavy objects. Railroad shops are full of them; they lift ammunition, etc., in forts and battleships; they are used to handle automobiles, motor boats and theatre scenery. They are used in gas and brick works, and for setting monuments; also in abattoirs, on docks, in warehouses and on the farm.

There is no locality where Yale & Towne Chain Blocks cannot be sold.

A Graphical Comparison

The diagram shows at a glance the superiority of the Triplex Block over the next best block, which is also made by Yale & Towne, and gives the efficiency of a large number of the best blocks of other makers.

TRIPLEX:—For greatest safety and quickness.

DUPLEX:—For ease and handiness.

DIFFERENTIAL:—The cheapest reliable chain block.

Yale & Towne Triplex Block	79.5%
Yale & Towne Duplex Block	40%
Another make	32%
Yale & Towne Differential Block	31%
Another make	28.8%
Another make	26%
Another make	24.3%
Another make	23%
Another make	18.9%

COMPILED FROM REPORT OF
TESTS BY THE LATE
Prof. R. H. THURSTON,
Cornell University,
Ithaca, N. Y., U. S. A.

Prison Locks

FOR more than twenty-five years we have made a specialty of locks for prison use, the conditions of which are entirely special, calling for unusual care in designing and great thoroughness of construction.

In view of the highly specialized character of our extensive line of prison locks, we advise that in case of inquiries for such locks, all of the essential facts be communicated to us, whereupon we will be pleased to furnish full information as to styles, sizes and prices, and to submit samples if desired.

Asylum Locks

IN like manner we have an extensive line of locks designed especially for use in hospitals, reform schools and other public institutions where the function of the lock is rather to lock individuals *in* than to keep intruders *out*. Such locks, particularly for insane asylums, are exceptionally exposed to attack, and should be constructed to meet the conditions which thus arise.

Here also we need full information concerning the conditions under which the locks are to be used, and in return will be pleased to submit corresponding information as to sizes, kinds and prices, together with samples where necessary.

Bank and Safe Locks

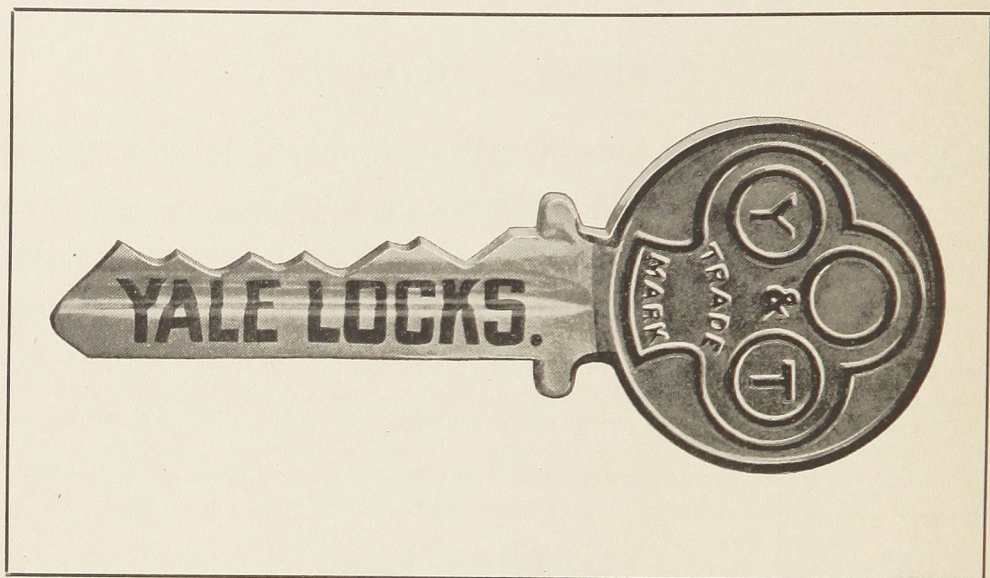
WE are the oldest makers of Bank Locks in America, and the largest in the world. Our line includes the Yale time locks, combination or dial locks, safe deposit locks, sub-treasury locks and every form of lock used by safe makers or in connection with metal work. Information concerning any of these specialties will be furnished on request, and also concerning our large line of locks, of various types and sizes, intended for use on iron doors, grilles, etc.

Cut Glass Trim

GLASS knobs, of rather crude construction, have long been used occasionally in America. The improved methods of constructing them which we originated some years ago have made them much more available, and have largely increased their use. Our line of such knobs covers a wide range of styles and prices. Where goods of this character are desired, we are prepared to submit full information on request.

Post Office Lock Boxes

WE are the original manufacturers of the metallic fronted post office lock box, and for more than twenty-five years have been the contractors to the U. S. Government for furnishing the Yale Lock Boxes used in all Government Post Offices. Information concerning this line of our products will be furnished on request.



Yale Key Sign

WE are prepared to furnish the above handsome and effective Sign to hardware dealers and locksmiths on terms which will be quoted on request.

It is 32 inches in length, made of sheet steel, the blade finished in aluminum bronze, the bow in genuine gold leaf, and the lettering in black, thus constituting a very attractive advertisement, not only of the Yale Lock, but of the establishment by which it is displayed.

It is equally available for use indoors and out, and is furnished with two eyes by which it may be suspended from a bracket or any suitable point of support.

It is offered on liberal terms and can advantageously be availed of by every hardware dealer and locksmith who proposes to sell the Yale Locks.

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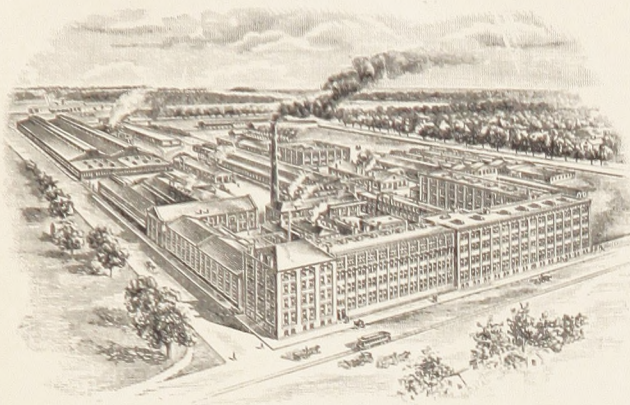
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510	French Window Catch	90	702	Dead Lock	75
	Key	137	712	" "	75
	Padlock	41	713	Ceiling Hook	92
510½	"	41	P719	Mortise Knob Lock	104
512	Cupboard Catch	90		Inside Set: Plain	104
513	" Lock	165		" " Orna.	109-125
513S	" "	165	SB719	Mortise Knob Lock	104
515	Key Blank	137		Inside Set: Plain	104
M520	Key	137		" " Orna.	109-125

No.	Description.	Page.	No.	Description.	Page.
722	Dead Lock	76	830	Padlock	34
722½	" "	76	830½	" "	34
732	Store Door Lock	127	831	" "	35
	" " Set: Plain	127	831½	" "	35
	" " " Orna. 130-134		833	" "	37
733	Padlock	36	834	" "	37
733MK	" "	36	840	" "	34
733½	" "	36	840½	" "	34
733½MK	" "	36	841	" "	35
742	Night Latch	59	841½	" "	35
750	Front Door Lock	100	843	" "	38
	" " Set: Plain	100	844	" "	38
	" " " Orna. 109-125		845	Letter Hole Plate	93
S750	Key Blank	141	847	" " " "	93
S751	" "	141	849	" " " & Hood	93
S752	" "	141	850	Padlock	34
S753	" "	141	850½	" "	34
753	Padlock	36	851	" "	35
753MK	" "	36	851½	" "	35
753½	" "	36	853	" "	38
753½MK	" "	36	854	" "	38
RA762	Key Blank	177	855C	" "	45
780	Loose Pin Butt	88	855J	" "	45
790	Vestibule Latch	100	855N	" "	45
	" Set: Plain	100	855V	" "	45
	" " " Orna. 109-125		863	" "	38
801	Padlock	43	864	" "	38
801N	" "	43	866	Screen Door Latch	71
802	" "	43	870	Padlock	35
802N	" "	43	870½	" "	35
803	" "	43	871	" "	35
803N	" "	43	871½	" "	35
804	" "	43	873	" "	38
805	" "	43	874	" "	38
805N	" "	43	A888	" "	45
806	" "	43	S888	" "	45
810	" "	49	893	" "	39
K810	Key Blank	147	893½	" "	39
A812	Padlock	47	894	" "	39
K812	Key Blank	147	903	" "	43
S812	Padlock	47	905	" "	43
813	" "	37	953	Drawer Lock	165
814	" "	37	965	" " " "	165
A815	" "	47	966	" " " "	165
K815	Key Blank	147	1069	Rim Turnbuckle	90
S815	Padlock	47	1102	Dead Lock	79
823	" "	37	1145	" " " "	79
824	" "	37	1184	Transom Catch	90

No.	Description.	Page.	No.	Description.	Page.
1300	Dead Lock	84	2625	Chain Door Fastener	87
1376	Sash Fast	95	2664	Chain Bolt	86
1386	Casement Adjuster	89	2665	" "	86
W1400	Sash Fast	95	2674	Foot Bolt	86
1455	Rim Knob Lock	107	2675	" "	86
	" Lock-set	107	2713	Ceiling Hook	92
1500	Mortise Knob Lock	105	P3316	Mortise Knob Lock	102, 103
	Inside Set: Plain	105		Inside Set: Plain	102, 103
	" " Orna.	109-125		" " Orna.	109-125
1603	Coat and Hat Hook	92	SB3316	Mortise Knob Lock	102, 103
1606	Towel Hook	92		Inside Set: Plain	102, 103
1620	Mortise Knob Lock	105		" " Orna.	109-125
	Inside Set: Plain	105	P3510	Front Door Lock	101
	" " Orna.	109-125		" " Set: Plain	101
1664	Chain Bolt	86		" " " Orna.	109-125
1665	" "	86	P3510½	Vestibule Latch	101
1674	Foot Bolt	86		" Set: Plain	101
1675	" "	86		" " Orna.	109-125
1730	Push Plate	91	P3912½	Sliding Door Lock	108
1740	Door Pull	91		" " Set: Plain	108
1803	Padlock	37		" " " Orna.	109-125
1803G	"	40	SB3912½	Sliding Door Lock	108
1965	Drawer Lock	165		" " Set: Plain	108
1972¼	Rim Knob Lock	107		" " " Orna.	109-125
	Rim Lock-set	107	SB3924½	Sliding Door Lock	108
2069	" Turnbuckle	90		" " Set: Plain	108
2081	Extension Bolt	87		" " " Orna.	109-125
2095	Door Bolt	86	FB3936½	Sliding Door Lock	108
2096	" "	86		" " Set: Plain	108
2126	Door Stop	98		" " " Orna.	109-125
2184	Transom Catch	90	4300	Dead Lock	78
P2202	Night Latch	72	4305	Gate Latch	66
P2202½	" "	72	4310	" "	66
P2230	Dead Lock	80	4620	Rim Knob Lock	106
2376	Sash Fast	95		" Lock-set	106
2383	Extension Bolt	87	5310	Rim Knob Lock	106
2386	Casement Adjuster	89		" Lock-set	106
S2400	Sash Fast	95	5553	Drawer Lock	167
S2405	" "	95	5553S	" "	167
2413	Coat and Hat Hook	92	5563	" "	167
2502	Cupboard Turn	89	5563S	" "	167
2502½	" "	89	W06310	Store Door Handle	128
2503	" "	89	W06310B	" " "	128
2510	French Window Catch	90	W06314	" " "	129
2512	Cupboard Catch	90	W06314B	" " "	129
P2533	Store Door Lock	128	8003	Padlock	43
	" " Set: Plain	126	8005	"	43
2605	Transom Catch	90	8006	"	43

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8013	Padlock	37	8055V	Padlock	45
8013B	"	40	8063	"	38
8013F	"	40	8064	"	38
8014	"	37	8070	"	35
8023	"	37	8070½	"	35
8024	"	37	8071	"	35
8030	"	34	8071½	"	35
8030½	"	34	8073	"	38
8031	"	35	8074	"	38
8031½	"	35	8093	"	39
8033	"	37	8093½	"	39
8034	"	37	8094	"	39
8040	"	34	8213B	"	40
8040½	"	34	8213F	"	40
8041	"	35	8373	"	39
8041½	"	35	8414	"	44
8043	"	38	8434	"	44
8044	"	38	8454	"	44
8050	"	34	8454N	"	44
8050½	"	34	8454V	"	44
8051	"	35	9003	"	43
8051½	"	35	9005	"	43
8053	"	38	84014	"	44
8054	"	38	84034	"	44
8055C	"	45	84054	"	44
8055J	"	45	84054V	"	44
8055N	"	45			



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